

Figure 1F

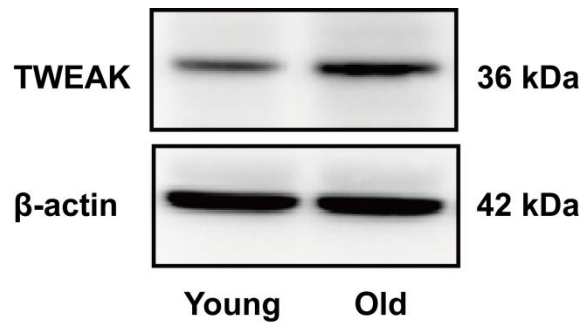
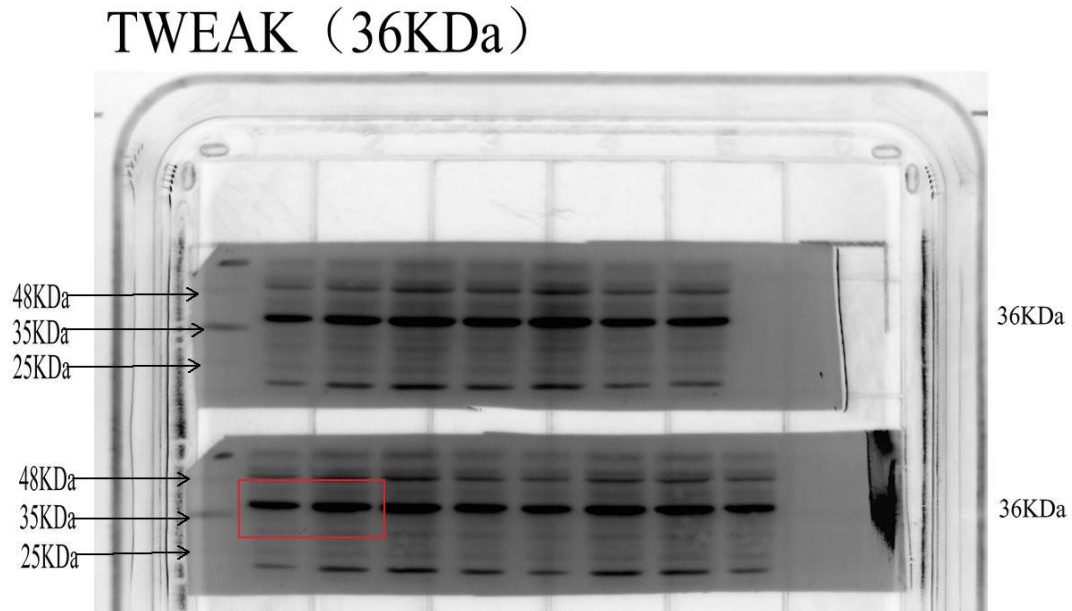


Figure 1F Raw Data

Panel A: TWEAK



Details:

Protein: TWEAK

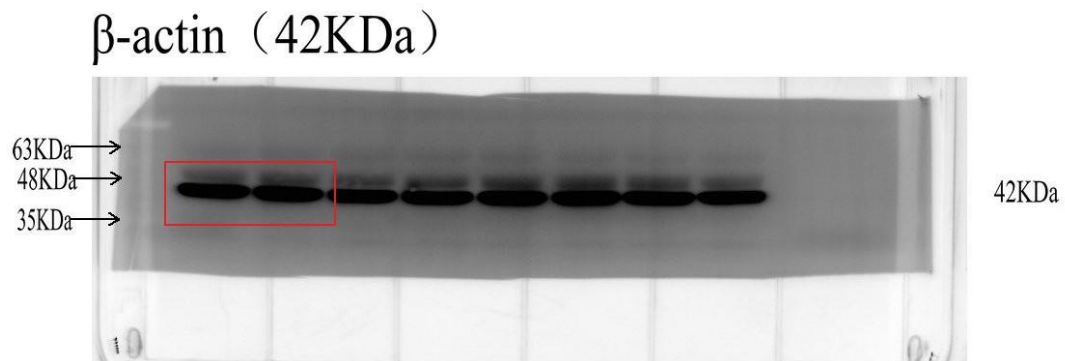
Predicted Size: 36 kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 1: Young group , Lane 2 : Old group . This order matches the presentation in the manuscript.

Panel B: β -actin



Details:

Protein: β -actin

Predicted Size: 42 kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 1: Young group , Lane 2 : Old group . This order matches the presentation in the manuscript.

Figure 3H

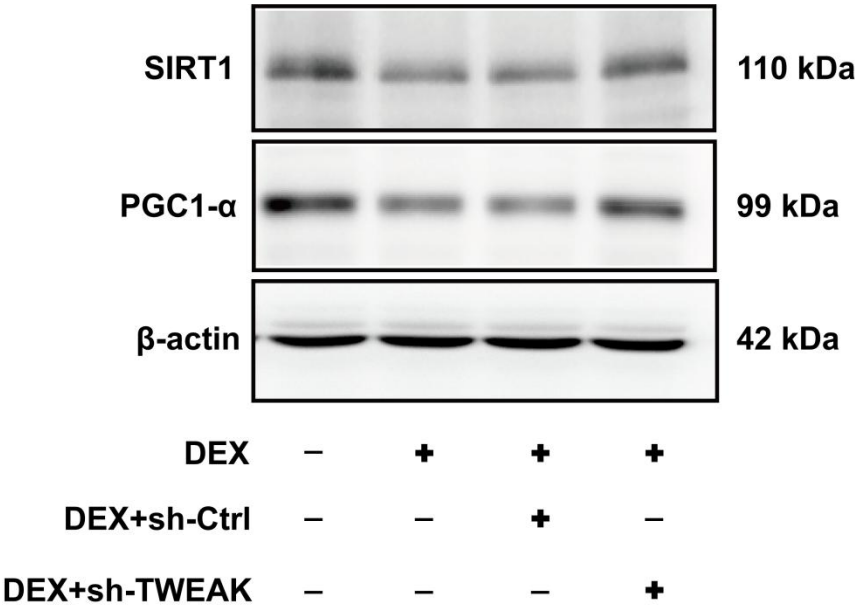
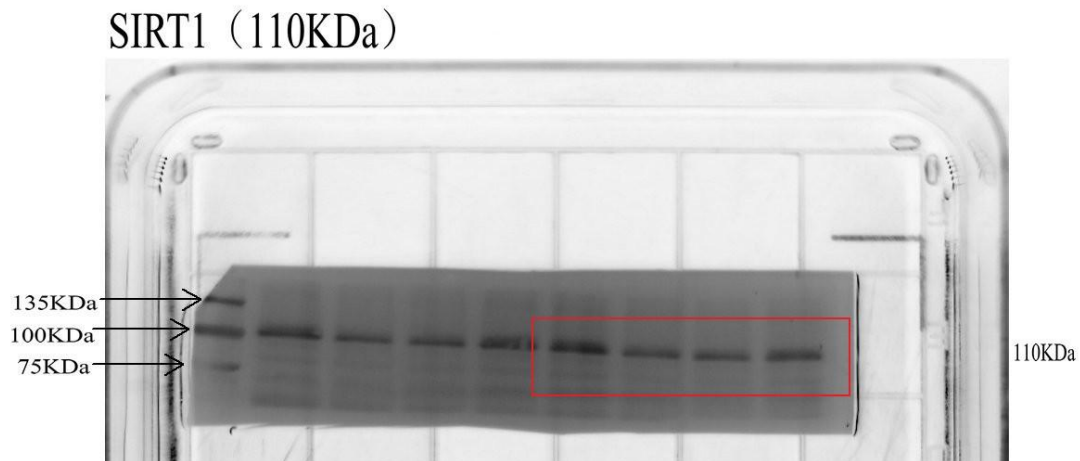


Figure 3H Raw Data

Panel A: SIRT1



Details:

Protein: SIRT1

Predicted Size: 110 kDa

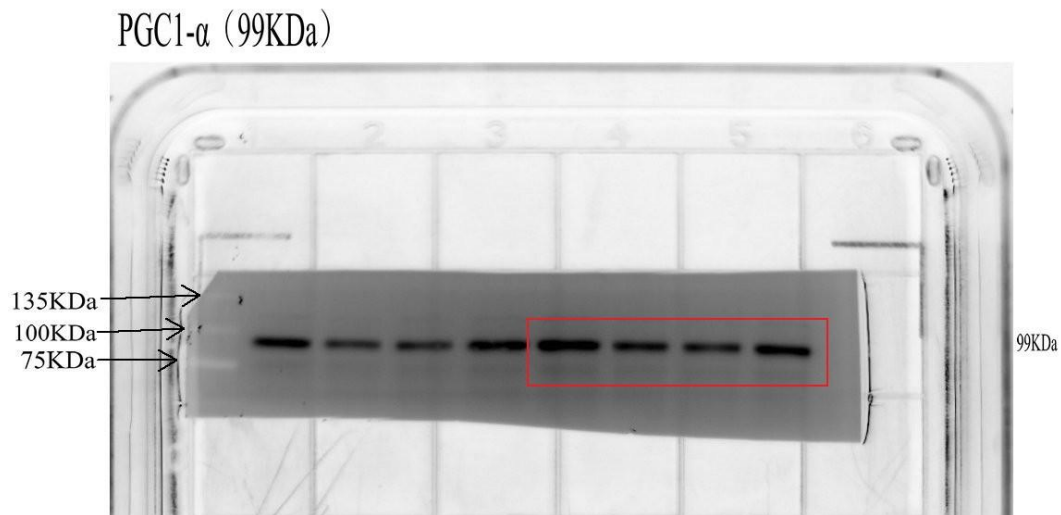
Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group .

This order matches the presentation in the manuscript.

Panel B: PGC α



Details:

Protein: PGC α

Predicted Size: 99kDa

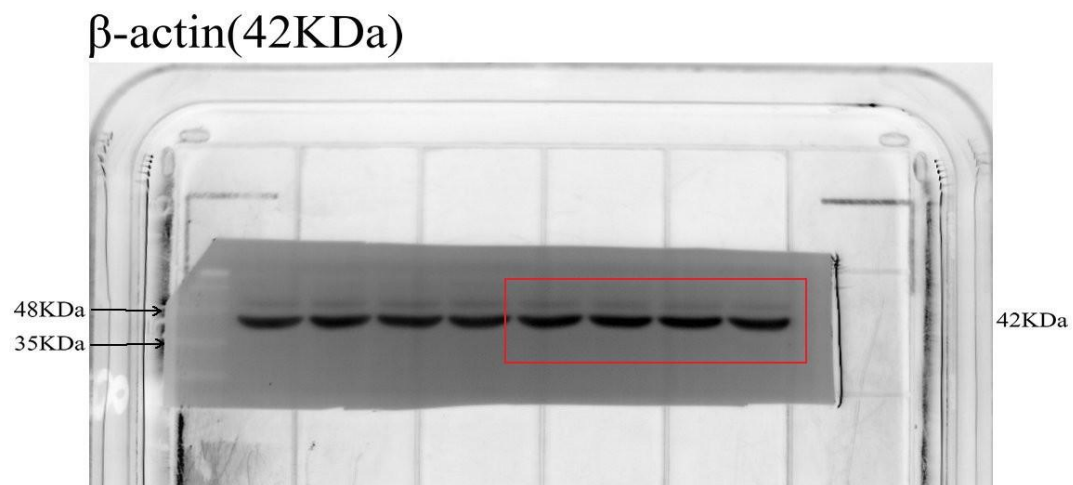
Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group .

This order matches the presentation in the manuscript.

Panel C: β -actin



Details:

Protein: β -actin

Predicted Size: 42kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group . This order matches the presentation in the manuscript.

Figure 4A

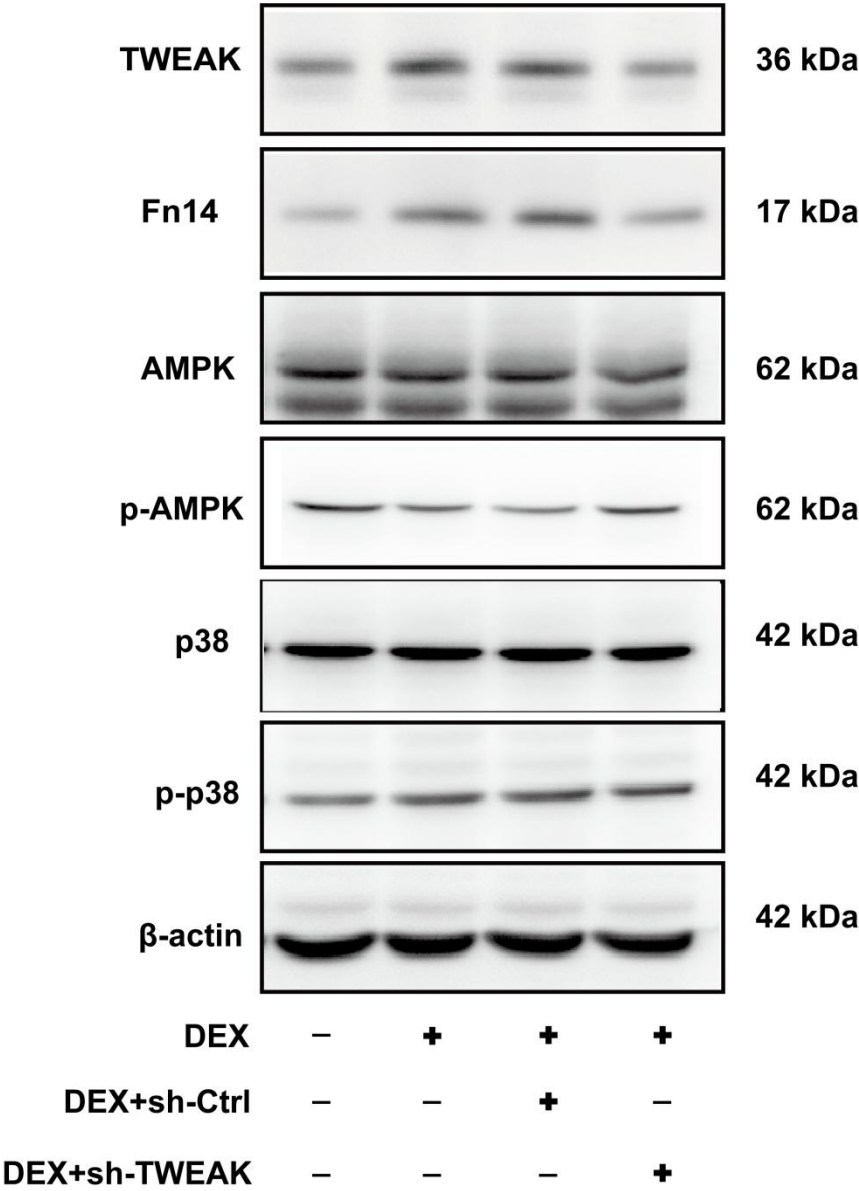
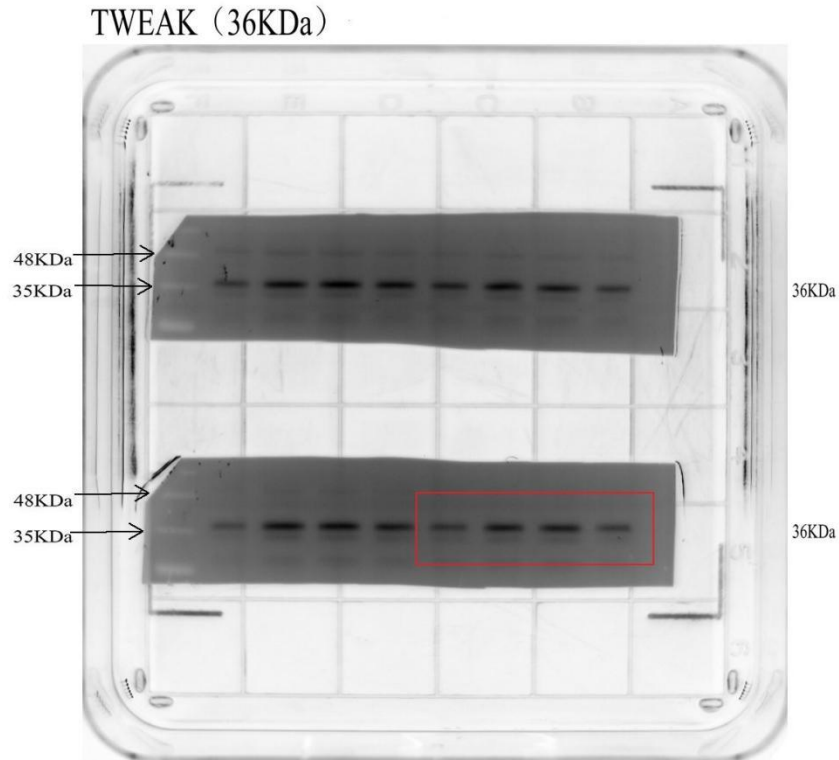


Figure 4A Raw Data

Panel A: TWEAK



Details:

Protein: TWEAK

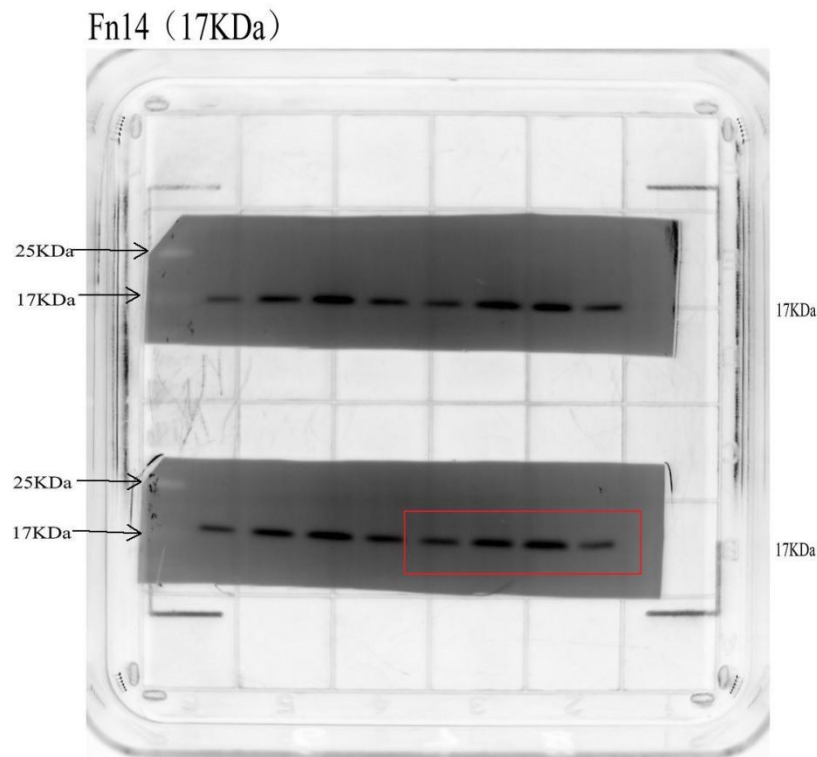
Predicted Size: 36kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group . This order matches the presentation in the manuscript.

Panel B: Fn14



Details:

Protein: Fn14

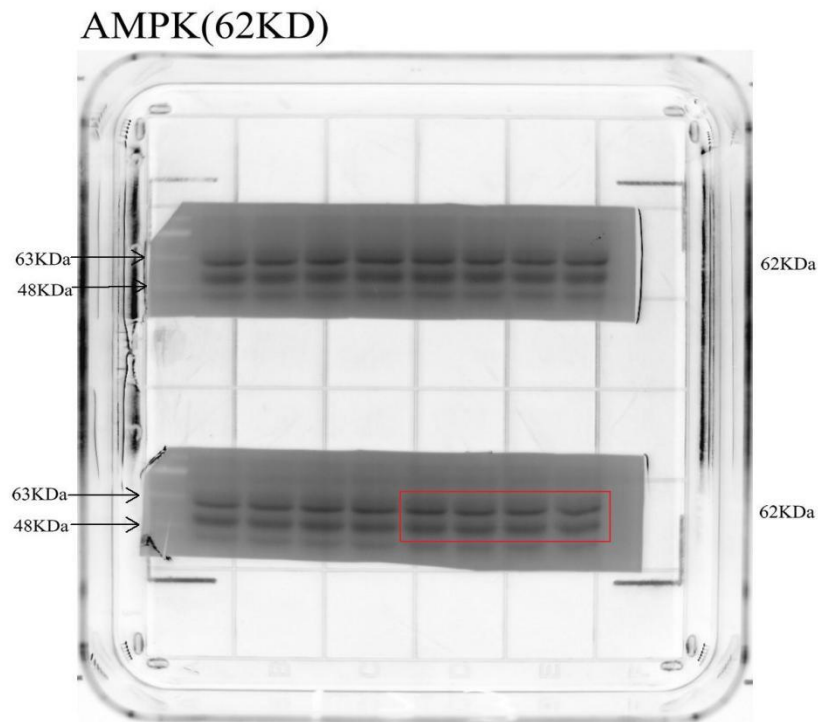
Predicted Size: 17kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group . This order matches the presentation in the manuscript.

Panel C: AMPK



Details:

Protein: AMPK

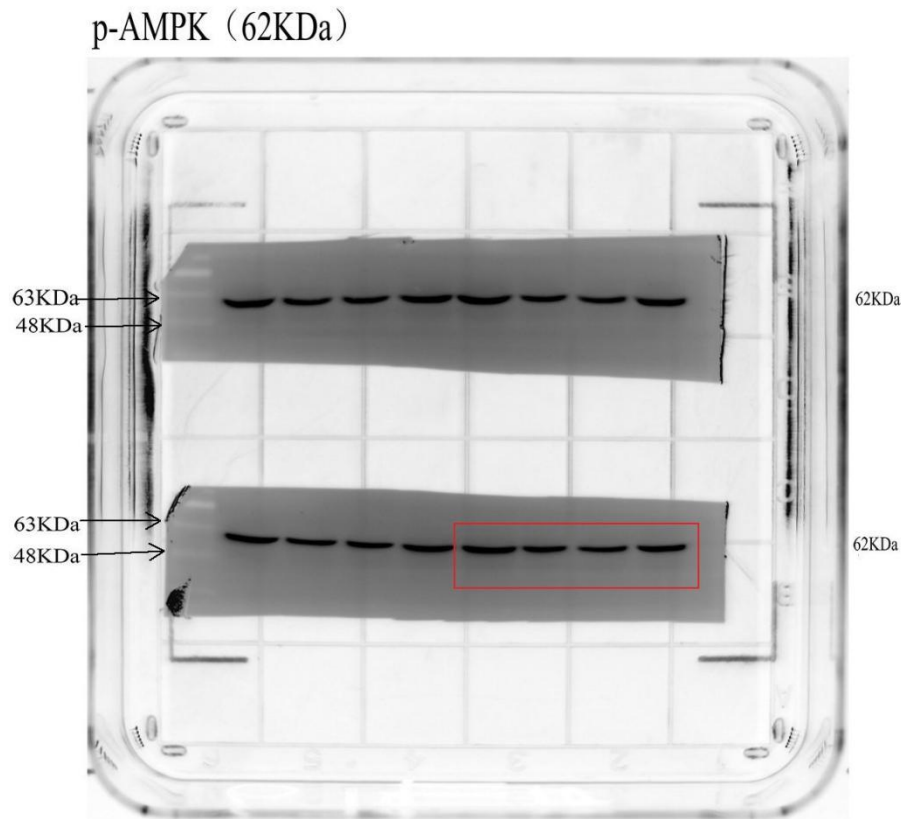
Predicted Size: 62kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group . This order matches the presentation in the manuscript.

Panel D: p-AMPK



Details:

Protein: p-AMPK

Predicted Size: 62kDa

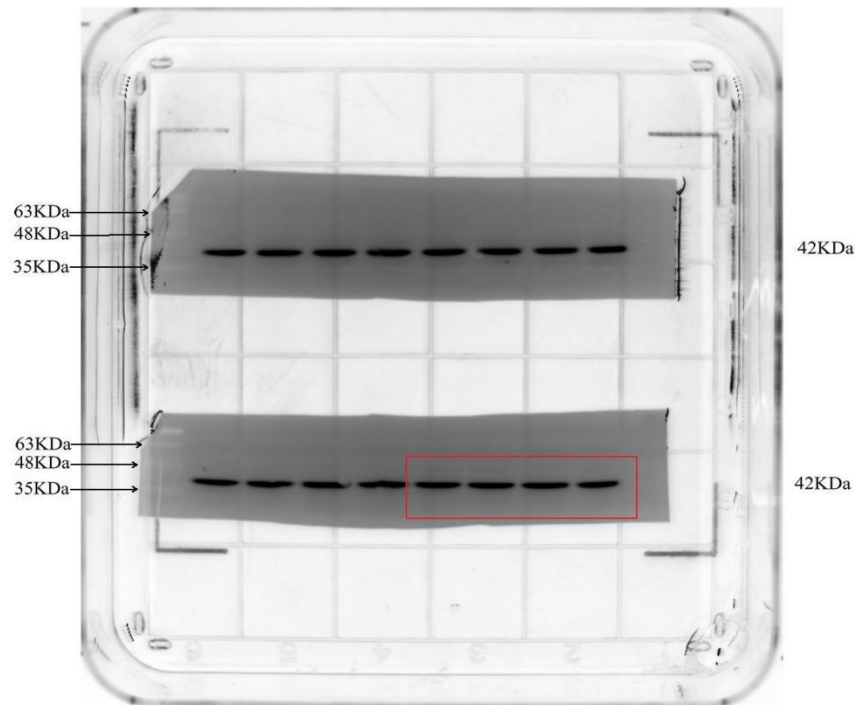
Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group . This order matches the presentation in the manuscript.

Panel E: p38

P38(42KDa)



Details:

Protein: p38

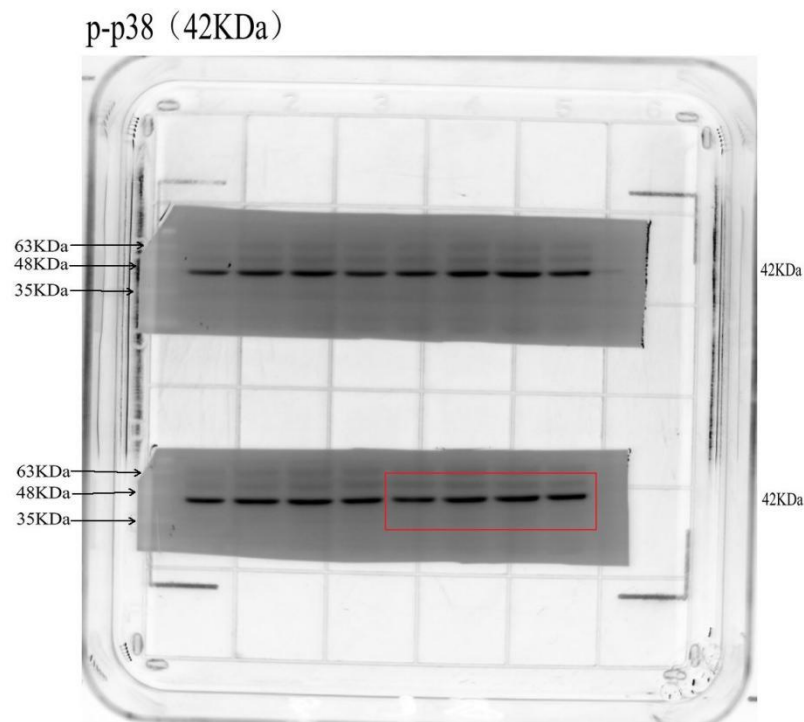
Predicted Size: 42kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group . This order matches the presentation in the manuscript.

Panel F: p-p38



Details:

Protein: p-p38

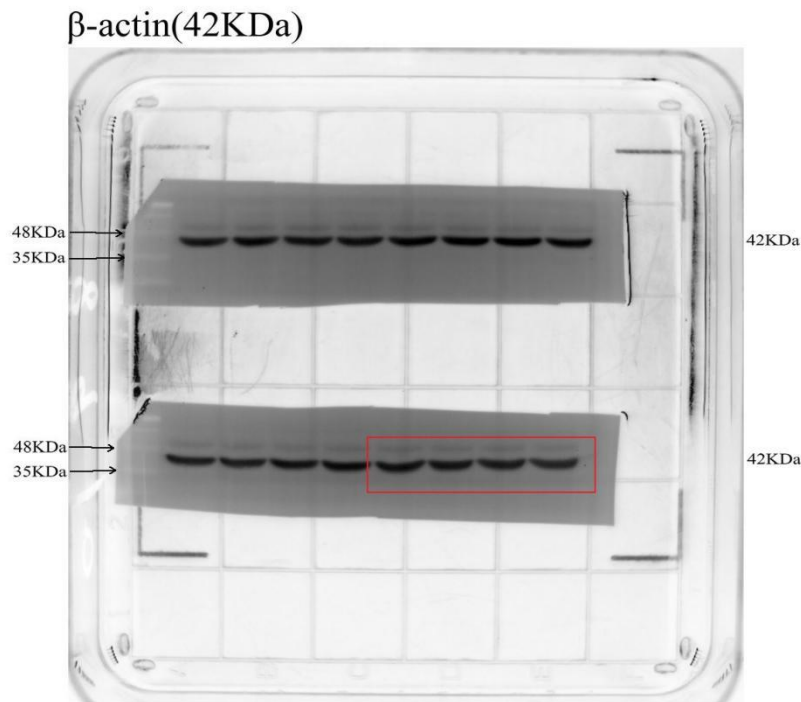
Predicted Size: 42kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group . This order matches the presentation in the manuscript.

Panel G: β -actin



Details:

Protein: β -actin

Predicted Size: 42kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Control group , Lane 6: DEX group, Lane 7: DEX+sh-Ctrl group , Lane 8: : DEX+sh-TWEAK group . This order matches the presentation in the manuscript.

Figure 6C

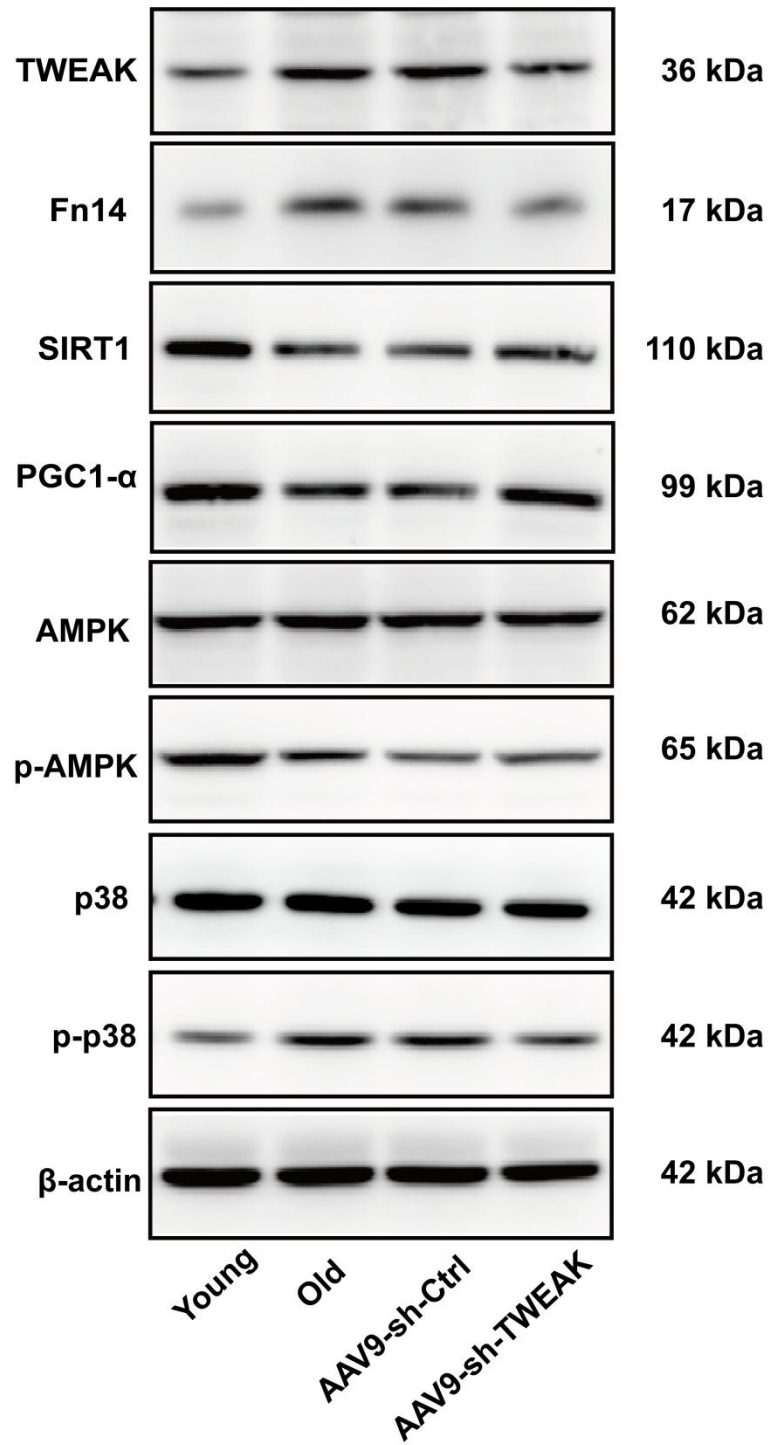
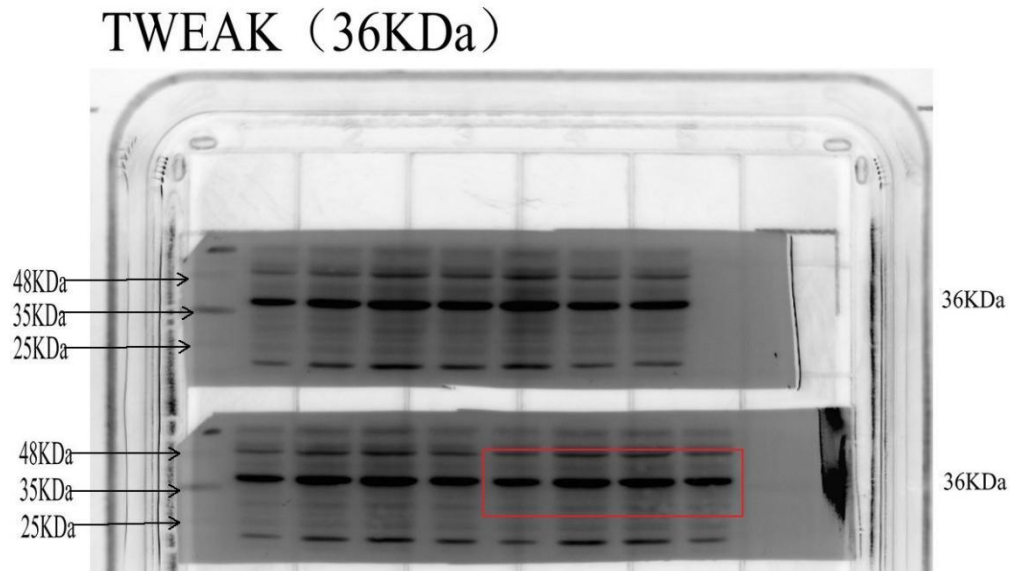


Figure 6C Raw Data

Panel A: TWEAK



Details:

Protein: TWEAK

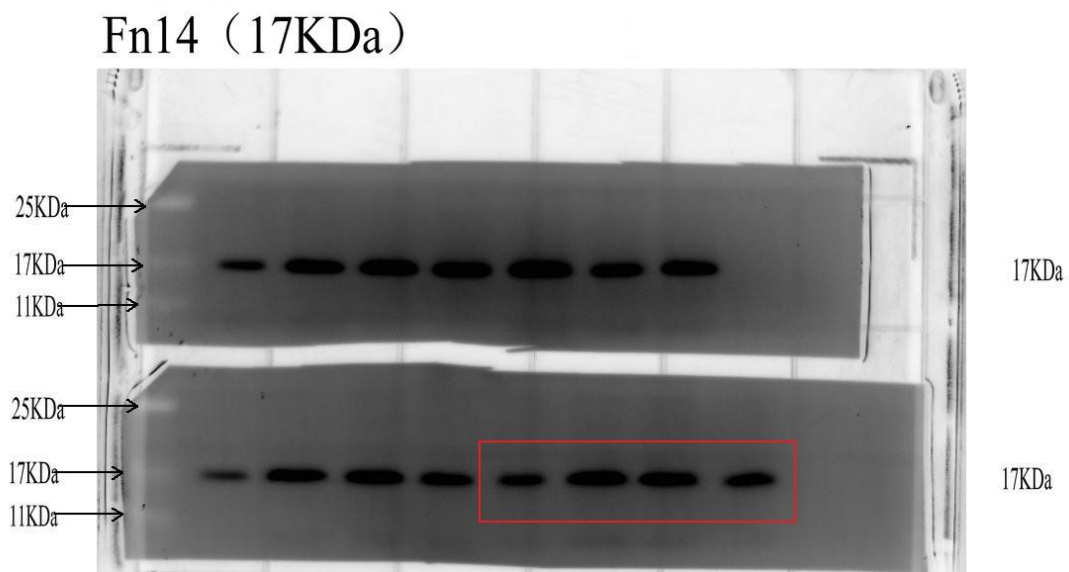
Predicted Size: 36kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.

Panel B: Fn14



Details:

Protein: Fn14

Predicted Size: 17kDa

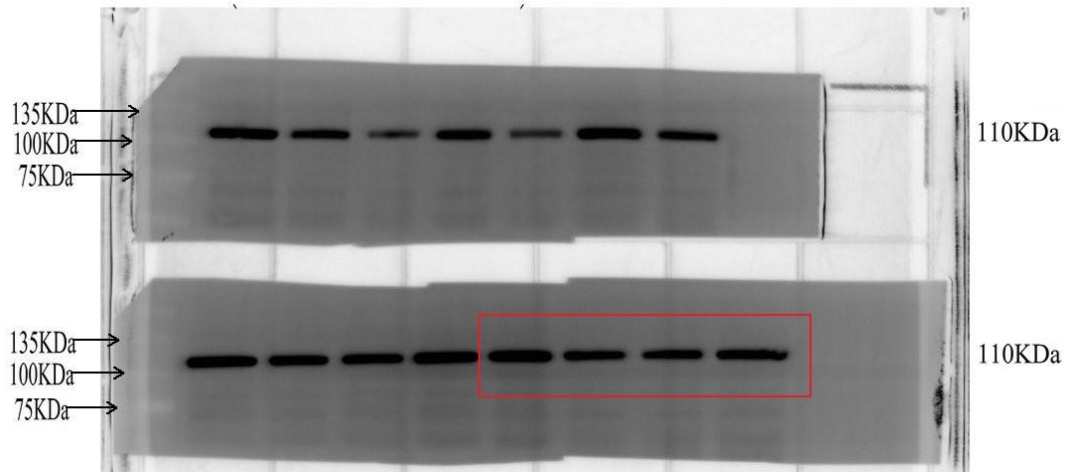
Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.

Panel C: SIRT1

SIRT1 (110KDa)



Details:

Protein: SIRT1

Predicted Size: 110kDa

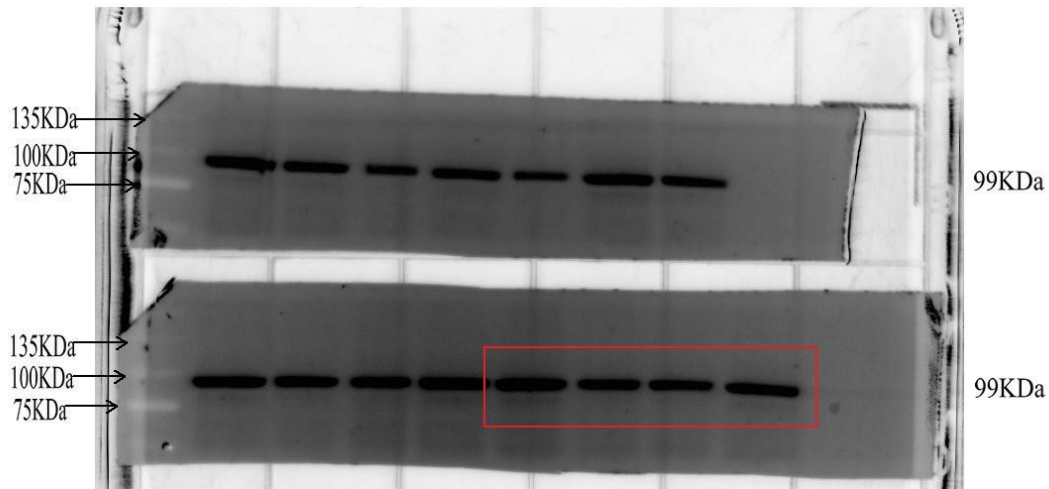
Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.

Panel D: PGC1- α

PGC1- α (99KDa)



Details:

Protein: PGC1- α

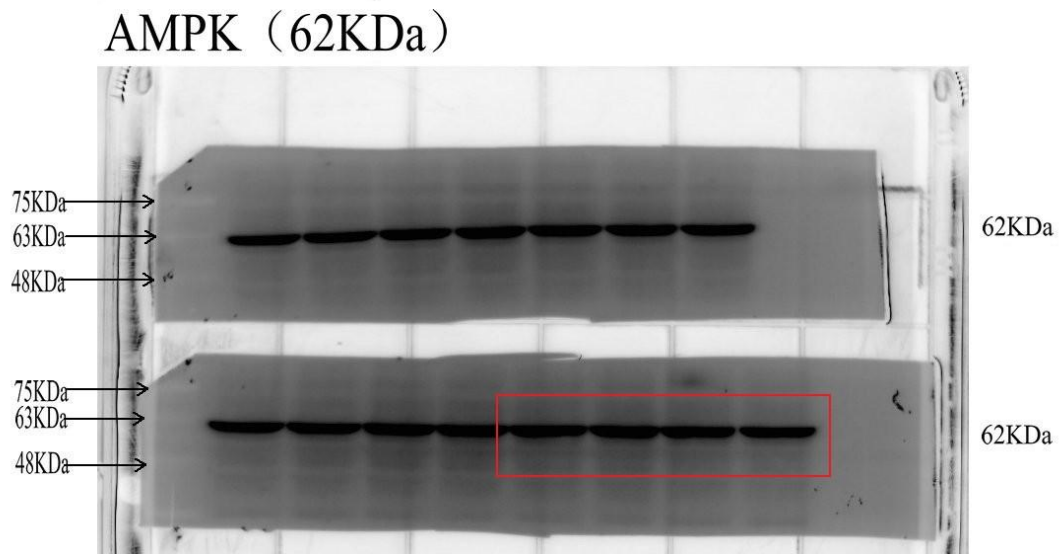
Predicted Size: 99kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.

Panel E: AMPK



Details:

Protein: AMPK

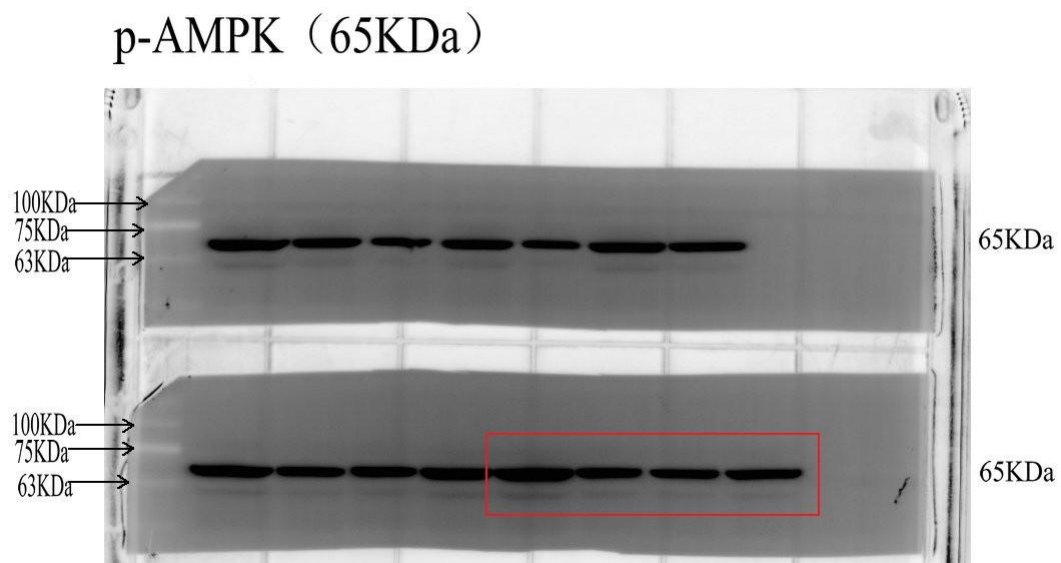
Predicted Size: 62kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.

Panel F: p-AMPK



Details:

Protein: p-AMPK

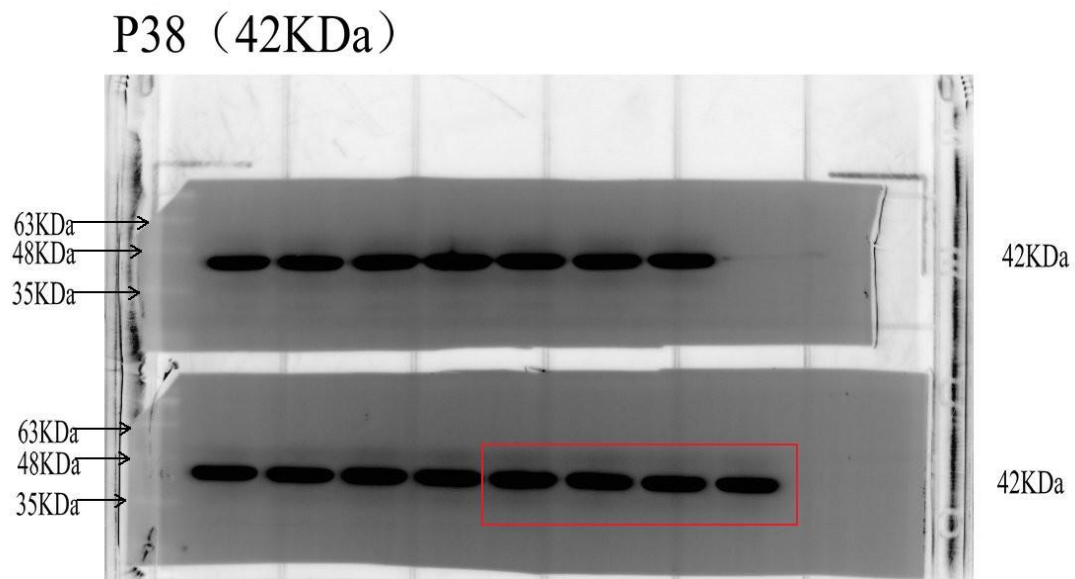
Predicted Size: 65kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.

Panel G: p38



Details:

Protein: p38

Predicted Size: 42kDa

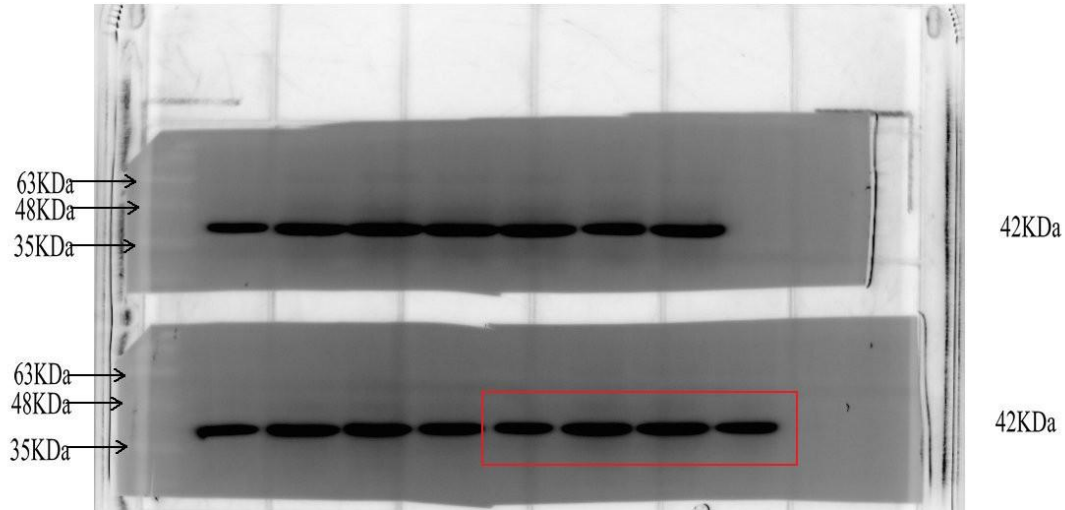
Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.

Panel H: p-p38

p-p38 (42KDa)



Details:

Protein: p-p38

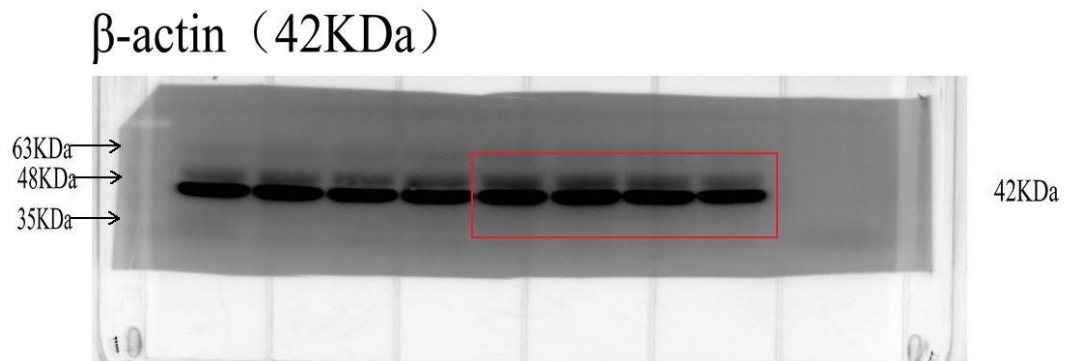
Predicted Size: 42kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.

Panel I: β -actin



Details:

Protein: β -actin

Predicted Size: 42kDa

Marker Used: Solarbio Prestained Protein Marker

Cat#: PR1910

Note: The membrane was physically cut prior to antibody incubation. The lane loading order is as follows: Lane 5: Young group , Lane 6: Old group, Lane 7: AAV9-sh-Ctrl group , Lane 8: AAV9-sh-TWEAK group. This order matches the presentation in the manuscript.