

Leucine-rich repeat neuronal protein 1 as a novel biomarker
of breast cancer stem cells and poor prognosis in patients
with breast cancer

(uncropped Gels and Blots images)

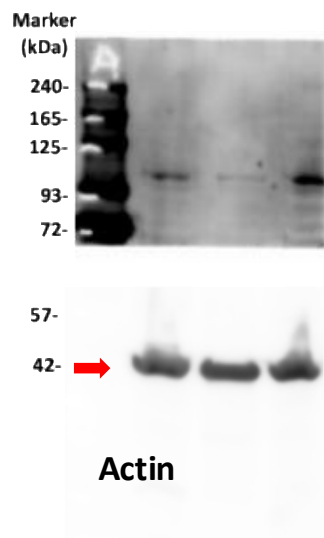
Fig. 3A

1: **marker**

2: BC145-CD24-CD44+ sorted

3: BC145-CD24-CD44- sorted

4: BC cell



Actin

LRRN1: MW ~116 kDa

Actin: MW 42 kDa

GAPDH: MW 37 kDa

Fig. 3A

1: BC cell line-1

2: BC cell line-2

3: **marker**

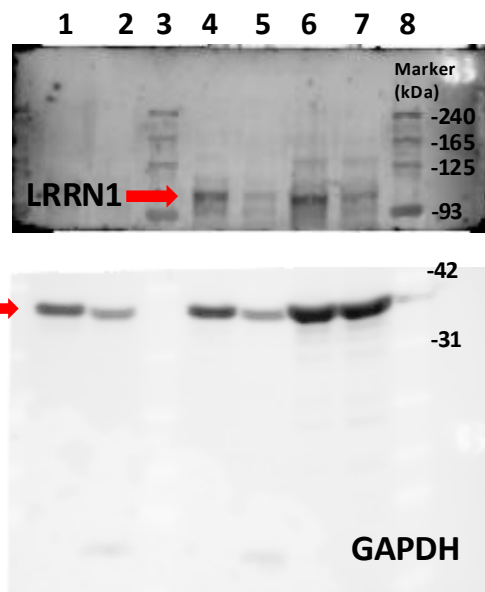
4: BC145PDX-CD24-CD44+ sorted

5: BC145PDX-CD24-CD44- sorted

6: BC350R1 ALDH (High) sorted

7: BC350R1 ALDH (Low) sorted

8: **marker**



GAPDH

Fig. 3A

1: **marker**

2: MCF10A

3: MCF7-vector

4: MCF7-LRRN1-OE

5: AU565

6: MCF7

7: MDA-MB231

8: BC145_CSC_Moak

9: BC145_CSC_shRFP

10: BC145_shLRRN1

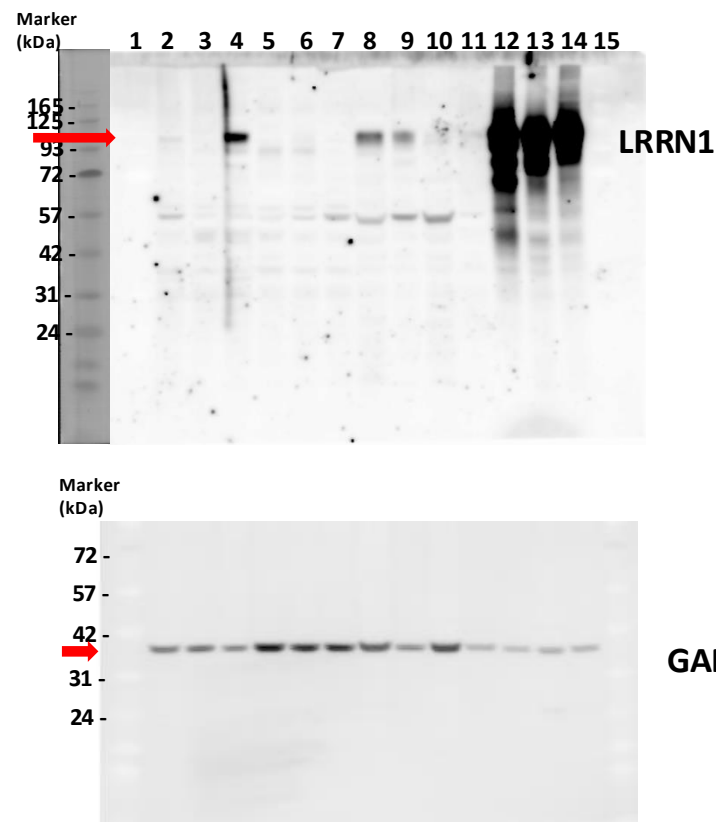
11: BC cell-line_vector

12: BC cell-line_LRRN1

13: H9-ESC

14: H9-EB_16d

15: **marker**



LRRN1

GAPDH

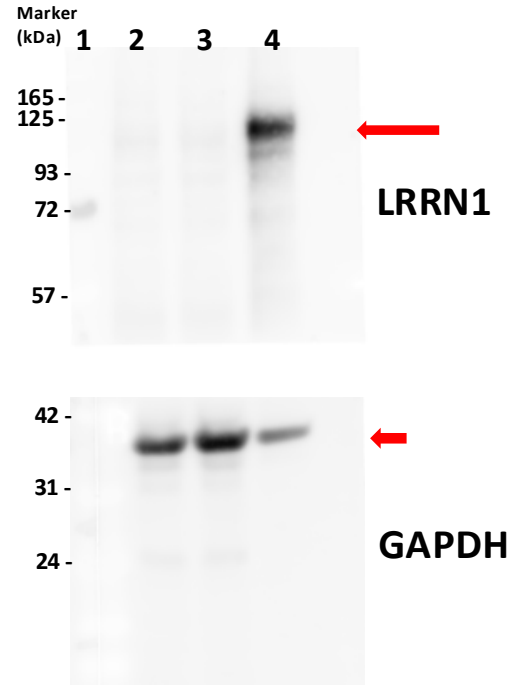
Fig. 4A

1: marker

2: MCF7_mock

3: MCF7_Vector

4: MCF7_LRRN1



LRRN1: MW ~116 kDa

GAPDH: MW 37 kDa

Fig. 5A (Left panel)_145CSC

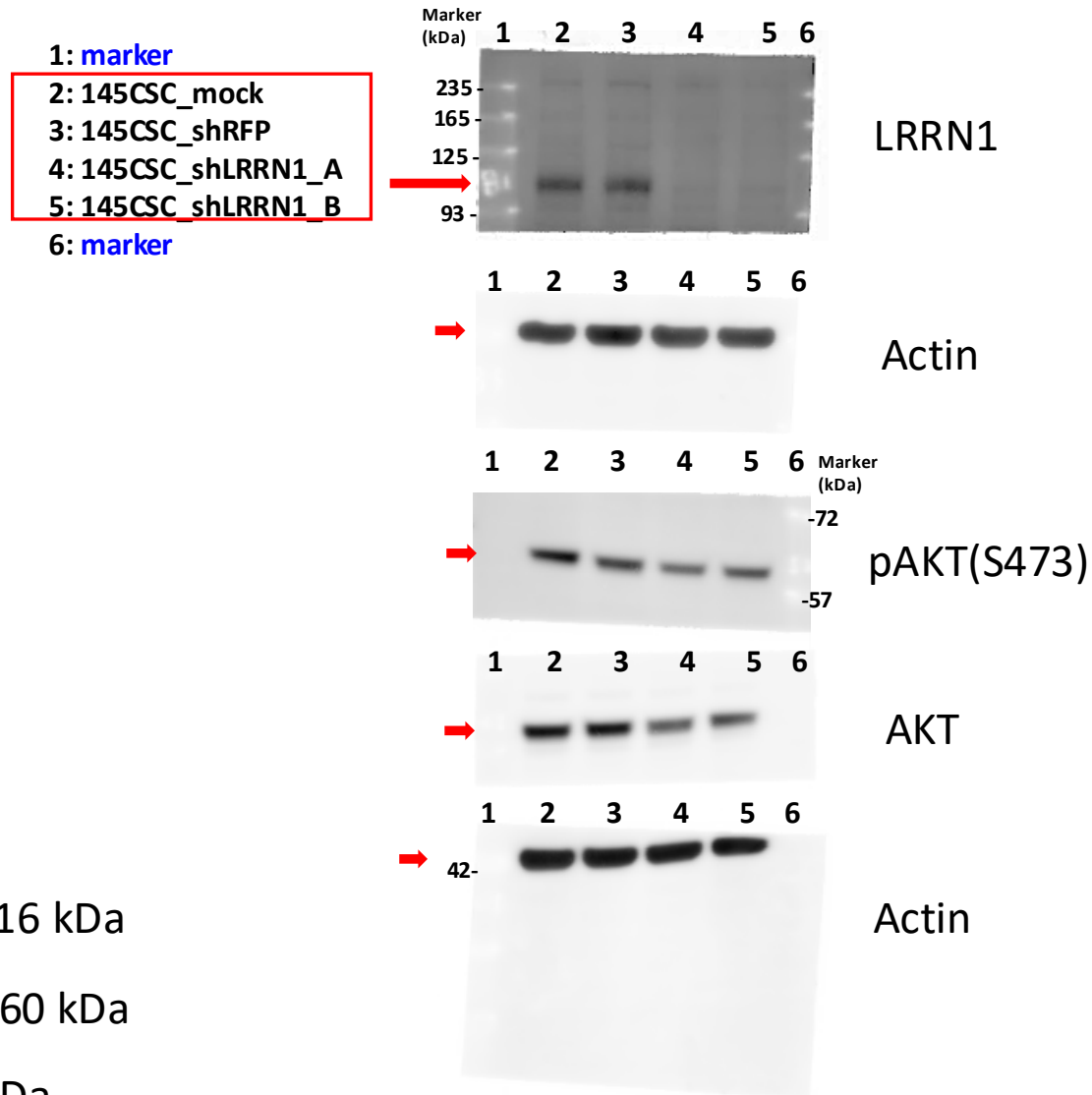
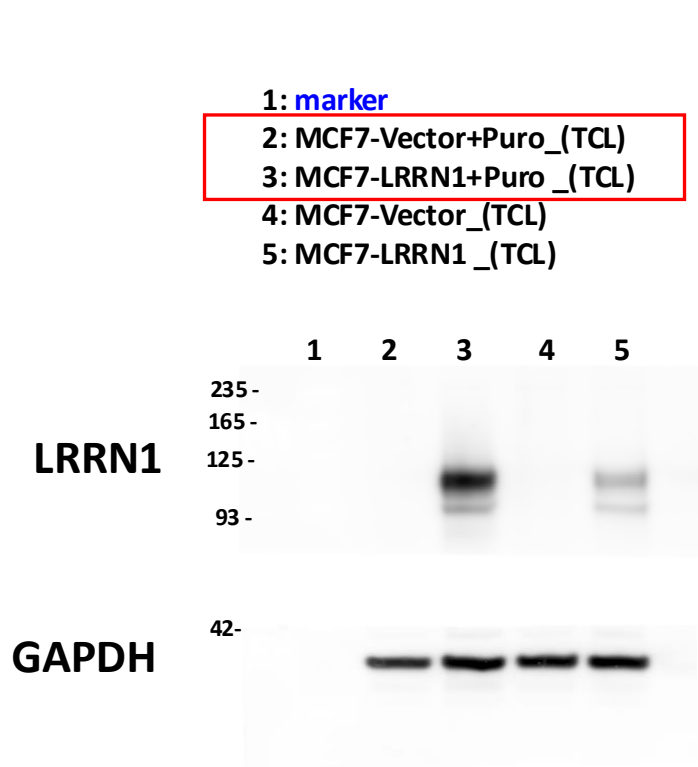


Fig. 5A (Right panel)_MCF7



LRRN1: MW ~116 kDa

pAKT/AKT: MW 60 kDa

GAPDH: MW 37 kDa

