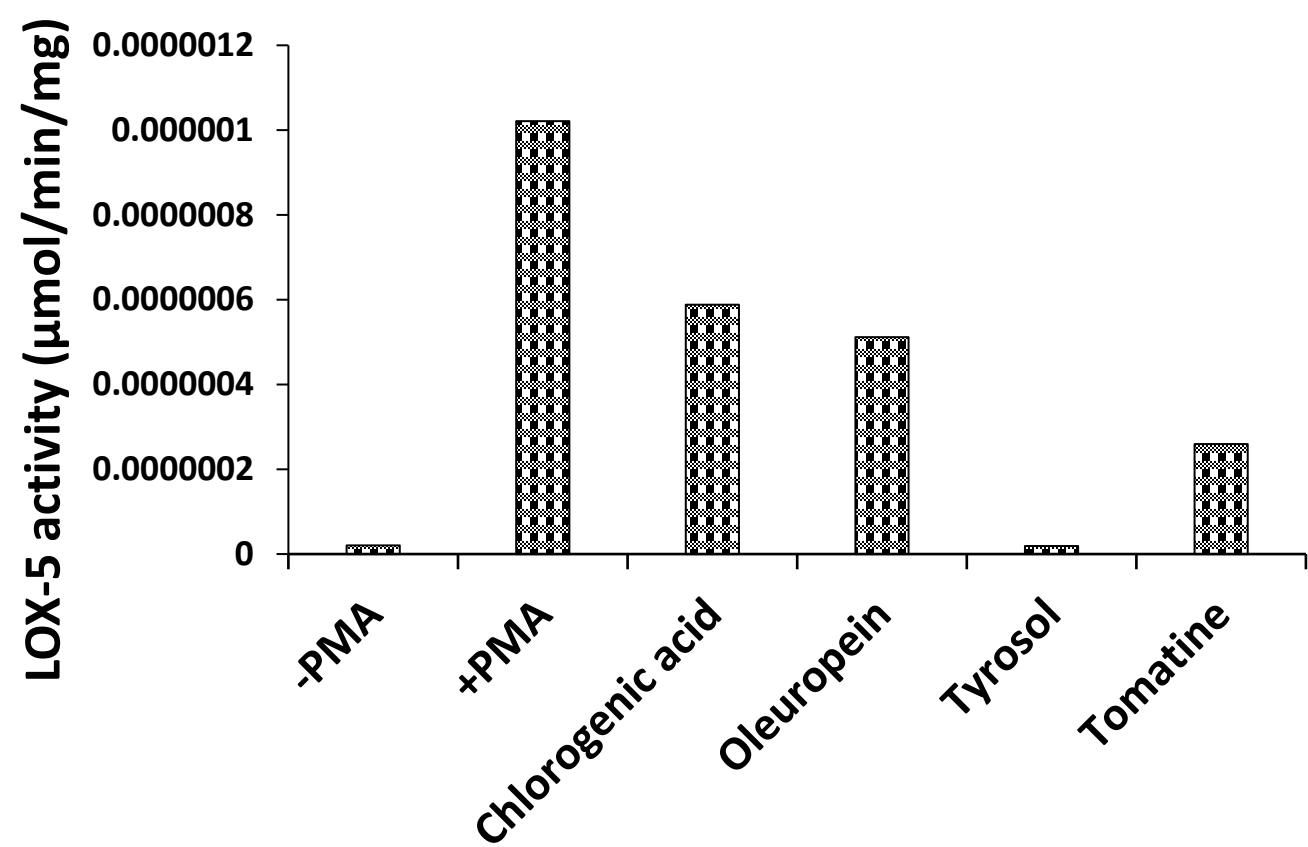


Supplementary data 1

<u>Name</u>	<u>Catalogue no.</u>	<u>Host animal</u>	<u>MW</u>	<u>Antibody dilution</u>
IL-4	ab9622	Rabbit polyclonal	17 kDa	1:2500
LOX-5	66326-1-Ig	Mouse monoclonal	70-78 kDa	1:4000
TNF- α	60291-1-Ig	Mouse monoclonal	26 kDa	1:4000
MPO	66177-1-Ig	Mouse monoclonal	84 kDa	1:4000
β -actin	66009-1-Ig	Mouse monoclonal	42 kDa	1:25000
GAPDH	60004-1-Ig	Mouse monoclonal	36 kDa	1:20000
HRP-conjugated	SA00001-1	Goat anti-mouse	-----	1:10000
HRP-conjugated	SA00001-2	Goat anti-rabbit	-----	1:10000

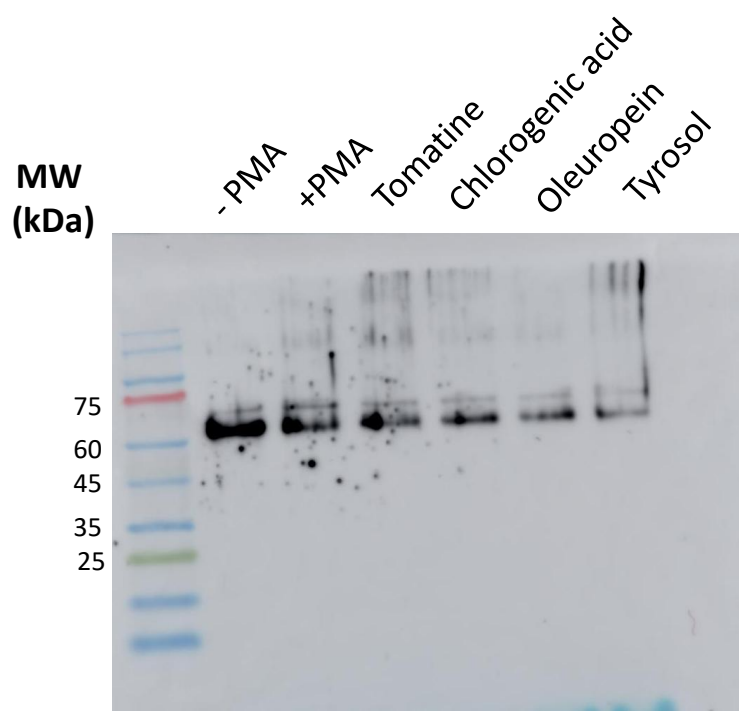
Supplementary data 1: Detailed information of the primary and secondary antibody used for the western blotting analysis.

Supplementary data 2



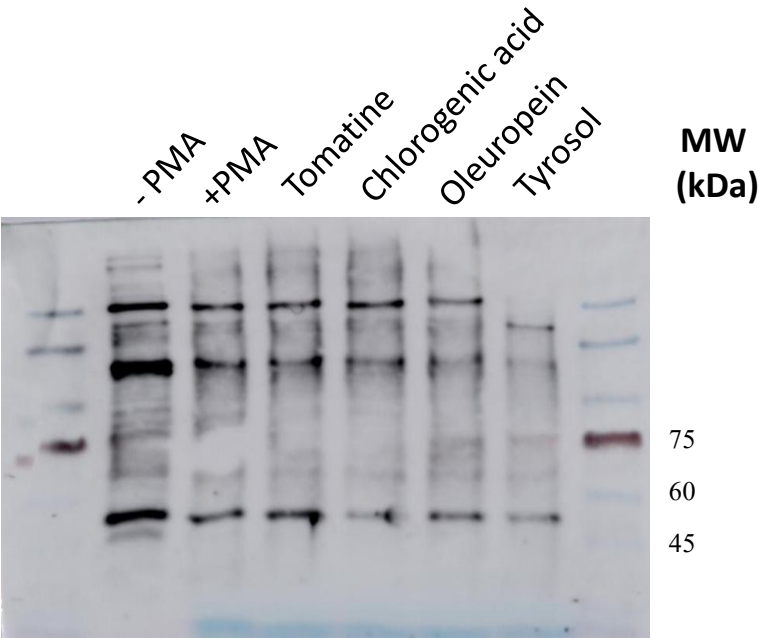
Supplementary data 5: Replicate of Figure 10 (biological replicate).

Supplementary data 3



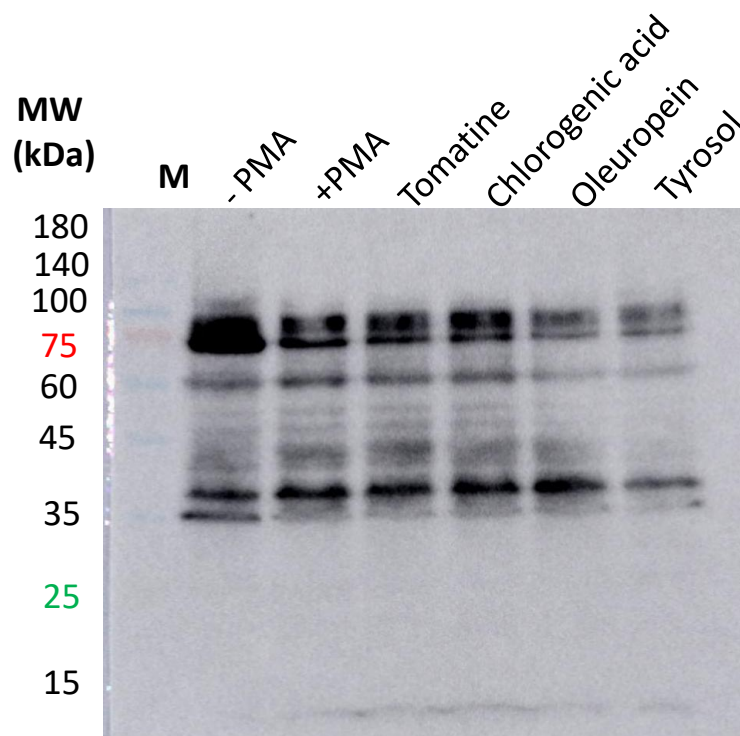
Supplementary data 3: Western blot analysis to detect TNF- α expression in U-937 cells. Lane 1 contained the molecular weight marker; Lane 2 corresponded to protein sample from the undifferentiated cell; and Lane 3 represented the differentiated control sample. Samples treated with bioactive compounds were loaded as follows: Lane 4- tomatine, Lane 5- chlorogenic acid, Lane 6- oleuropein, and Lane 7- tyrosol.

Supplementary data 4



Supplementary data 4: Uncropped image of blot presented in Figure 7.

Supplementary data 5



Supplementary data 5: Uncropped image of blot presented in Figure 8.