

Anti-Phospho-p38 MAPK-T180/Y182 antibody (STJ11107626)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

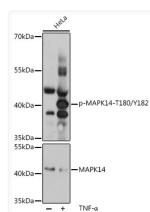
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 41kDa Observed Mw: 41kDa/43 kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

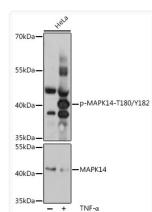
Gene ID	1432
Gene Symbol	MAPK14
UniProt ID	MK14_HUMAN
Immunogen Sequence	MTGYV
Specificity	A synthetic phosphorylated peptide around T180 & Y182 of human p38 MAPK (NP_620581.1).

ADDITIONAL INFORMATION

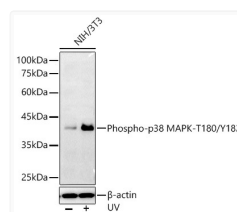
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



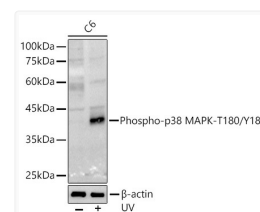
Western blot analysis of lysates from HeLa cells, using Phospho-MAPK14-T180/Y182 pAb (STJ11107626) at 1:2000 dilution or MAPK14 antibody (STJ228561). HeLa cells were treated by TNF-Alpha (20 ng/mL) at 37 °C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of lysates from HeLa cells, using Phospho-MAPK14-T180/Y182 pAb (STJ11107626) at 1:2000 dilution or MAPK14 antibody (STJ228561). HeLa cells were treated by TNF- α (20 ng/mL) at 37C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of lysates from NIH/3T3 cells using Phospho-p38 MAPK-T180/Y182 Rabbit pAb (STJ11107626) at 1:1000 dilution incubated overnight at 4C. NIH/3T3 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of lysates from C6 cells using Phospho-p38 MAPK-T180/Y182 Rabbit pAb (STJ11107626) at 1:1000 dilution incubated overnight at 4C. C6 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.