

Anti-Phospho-MAP2K1-S298 antibody (STJ22231)

STJ22231

GENERAL INFORMATION

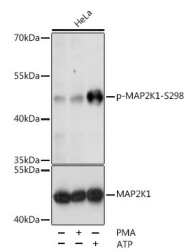
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-MAP2K1-S298 is suitable for use in Western Blot and Immunoprecipitation.
Applications	WB, IP
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

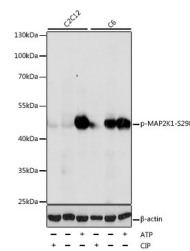
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IP 1:50-1:100
Formulation	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at -20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

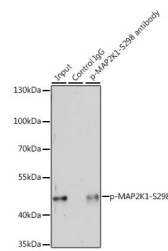
Gene ID	5604
Gene Symbol	MAP2K1
Uniprot ID	MP2K1_HUMAN
Immunogen	A synthetic phosphorylated peptide around S298 of human MAP2K1 (NP_002746.1).
Immunogen Region	
Specificity	
Immunogen Sequence	



Western blot analysis of extracts of various cell lines, using Phospho-MAP2K1-S298 antibody (STJ22231) at 1:1000 dilution or MAP2K1 antibody (STJ236897). Helix cells were treated by PMA/TPA (200 nM) at 37 °C for 15 minutes after serum-starvation overnight or treated by ATP (5 mM) at 30 °C for 1 hour. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using Phospho-MAP2K1-S298 antibody (STJ22231) at 1:1000 dilution. C2C12 cells were treated by CIP (20uL/400uL) at 37 °C for 1 hour or treated by ATP (5 mM) at 30 °C for 1 hour. C6 cells were treated by CIP (20uL/400uL) at 37 °C for 1 hour or treated by ATP (5 mM) at 30 °C for 1 hour. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Immunoprecipitation analysis of 200ug extracts of 293T cells, using 3 ug Phospho-MAP2K1-S298 polyclonal antibody (STJ22231). Western blot was performed from the immunoprecipitate using Phospho-MAP2K1-S298 polyclonal antibody (STJ22231) at a dilution of 1:1000. 293T cells were treated by PMA/TPA (200 nM) at 37 °C for 30 minutes after serum-starvation overnight.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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