

Anti-Phospho-MAP2K1/MAP2K2-S217/S221 antibody (STJ22236)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

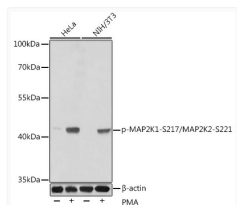
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:7000 ELISA: Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 40kDa/43kDa/44kDa Observed Mw: 44kDa
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	5604 5605
Gene Symbol	MAP2K1 MAP2K2
UniProt ID	MP2K1_HUMAN MP2K2_HUMAN
Immunogen Sequence	SMANS
Specificity	A synthetic phosphorylated peptide around S217 & S221 of human MAP2K1/MAP2K2 (NP_002746.1).

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-MAP2K1-S217/MAP2K2-S221 Rabbit pAb (STJ22236) at 1:6000 dilution. HeLa cells were treated by PMA (200 nM) at 37 °C for 15 minutes after serum-starvation overnight. 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% nonfat dry milk in TBST.
 Detection: ECL Enhanced Kit
 Exposure time: 90s.