

Rabbit MAP2K1 Polyclonal Antibody | anti-MAP2K1 antibody

Phospho-MAP2K1 (Ser217/Ser221) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243114	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

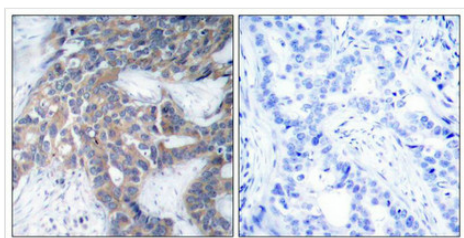
PRODUCT SYNONYMS

MAP2K1; Polyclonal Antibody; Phospho-MAP2K1 (Ser217/Ser221) Antibody; ERK activator kinase 1/ERK activator kinase2; MAP kinase kinase 1/MAP kinase kinase 2; MAP2K1/MAP2K1; MAPK/ERK kinase 1/MAPK/ERK kinase 2; MAPKK 1/MAPKK 1; anti-MAP2K1 antibody

PRODUCT SPECIFICATIONS

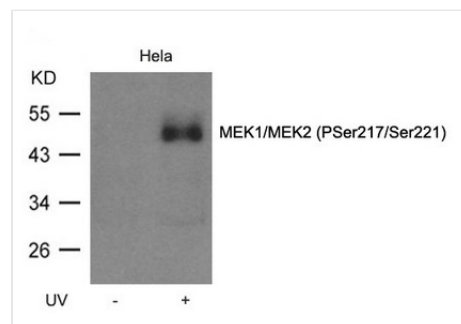
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-MAP2K1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of serine 217/221 (I-D-S(p)-M-A) derived from Human MEK1/MEK2.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1/MEK2(Phospho-Ser217/Ser221) Antibody(left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)

Western blot analysis of extracts from HeLa cell untreated or treated with UV MEK1/MEK2(Phospho-Ser217/Ser221) Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-MAP2K1 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5579478
NCBI GeneID	5604
NCBI Accession #	NP_002746.1
NCBI GenBank Nucleotide #	NM_002755.3
UniProt Accession #	Q02750
Molecular Weight	43,439 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 1
NCBI Official Symbol	MAP2K1
NCBI Official Synonym Symbols	MEK1; MKK1; MAPKK1; PRKMK1
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 1; MEK 1; MAPKK 1; MAPK/ERK kinase 1; ERK activator kinase 1; protein kinase, mitogen-activated, kinase 1 (MAP kinase kinase 1)
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 1
UniProt Gene Name	MAP2K1
UniProt Synonym Gene Names	MEK1; PRKMK1; MAP kinase kinase 1; MAPKK 1; MKK1; MEK 1
UniProt Entry Name	MP2K1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/map2k1-antibody-immunohistochemistry-western-blot-elisa/243114>