

Rabbit MAP2K6 Polyclonal Antibody | anti-MAP2K6 antibody

MAP2K6 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36964	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

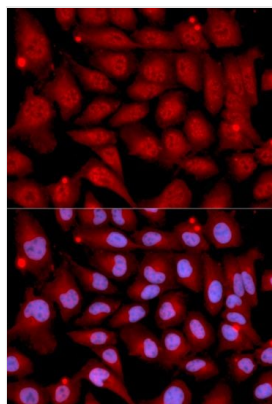
PRODUCT SYNONYMS

MAP2K6; Polyclonal Antibody; MAP2K6 Polyclonal Antibody; MAPKK6; MEK6; MKK6; PRKMK6; SAPKK3; anti-MAP2K6 antibody

PRODUCT SPECIFICATIONS

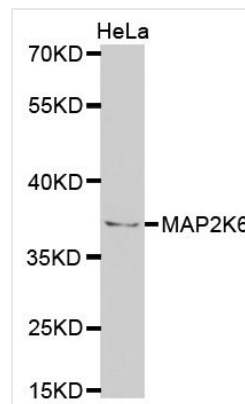
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	334
Applicable Applications for anti-MAP2K6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MAP2K6
Calculated Molecular Weight	37kD
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using MAP2K6 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using MAP2K6 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2K6 antibody	This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activatedprotein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as anintegration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase inresponse to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediatedsignal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.
Product Categories/Family for anti-MAP2K6 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1709088
NCBI GeneID	5608
UniProt Accession #	P52564
Molecular Weight	334
NCBI Official Full Name	Dual specificity mitogen-activated protein kinase kinase 6
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 6
NCBI Official Symbol	MAP2K6
NCBI Official Synonym Symbols	MEK6; MKK6; MAPKK6; PRKMK6; SAPKK3; SAPKK-3
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 6; MEK 6; MAPKK 6; SAPK kinase 3; MAPK/ERK kinase 6; stress-activated protein kinase kinase 3; protein kinase, mitogen-activated, kinase 6 (MAP kinase kinase 6)
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 6
UniProt Gene Name	MAP2K6
UniProt Synonym Gene Names	MEK6; MKK6; PRKMK6; SKK3; MAP kinase kinase 6; MAPKK 6; MEK 6; SAPK kinase 3; SAPKK-3; SAPKK3
UniProt Entry Name	MP2K6_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.