

Rabbit MAP2K5 Polyclonal Antibody | anti-MAP2K5 antibody

MAP2K5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28148	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

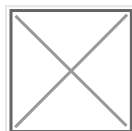
PRODUCT SYNONYMS

MAP2K5; Polyclonal Antibody; MAP2K5 Polyclonal Antibody; MEK5; MAPKK5; PRKMK5; HsT17454; anti-MAP2K5 antibody

PRODUCT SPECIFICATIONS

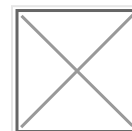
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	448
Applicable Applications for anti-MAP2K5 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:100
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MAP2K5
Calculated Molecular Weight	50kDa
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 MAP2K5 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using MAP2K5 Antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

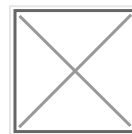
Immunohistochemistry of paraffin-embedded human liver cancer using MAP2K5 Antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat brain using MAP2K5 Antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat spinal cord using MAP2K5 Antibody at dilution of 1:100 (40x lens).

**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using MAP2K5 antibody at 1:500 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. Detection: ECL Basic Kit. Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2K5 antibody	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described.
Product Categories/Family for anti-MAP2K5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	118572669
NCBI GeneID	5607
UniProt Accession #	Q13163; Q92961; Q92962; B4DE43
Molecular Weight	448
NCBI Official Full Name	Dual specificity mitogen-activated protein kinase kinase 5
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 5
NCBI Official Symbol	MAP2K5
NCBI Official Synonym Symbols	MEK5; MAPKK5; PRKMK5; HsT17454
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 5; MEK 5; MAPKK 5; MAPK/ERK kinase 5; MAP kinase kinase 5; MAP kinase kinase MEK5b
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 5
UniProt Gene Name	MAP2K5
UniProt Synonym Gene Names	MEK5; MKK5; PRKMK5; MAP kinase kinase 5; MAPKK 5; MEK 5
UniProt Entry Name	MP2K5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/map2k5-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28148>