

Rabbit anti-Mouse, Rat MAP2K6 Polyclonal Antibody | anti-MAP2K6 antibody

MAP2K6 Polyclonal Antibody

CATALOG # AAA174001	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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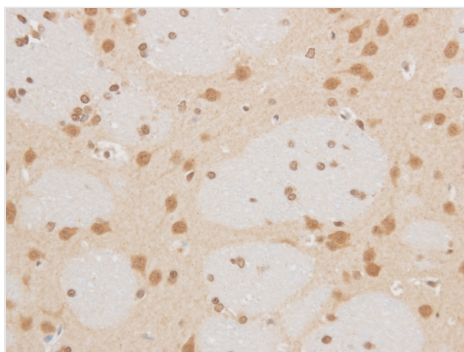
PRODUCT SYNONYMS

MAP2K6; Polyclonal Antibody; MAP2K6 Polyclonal Antibody; MEK6; MKK6; MAPKK6; PRKMK6; SAPKK3; SAPKK-3; anti-MAP2K6 antibody

PRODUCT SPECIFICATIONS

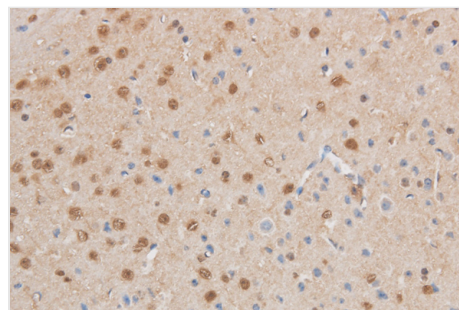
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	2mg/mL (varies by lot)
Sequence Length	334
Applicable Applications for anti-MAP2K6 antibody	IHC (Immunohistochemistry)
Function	Plays an important role in the regulation of cellular responses to cytokines and all kinds of stresses. Especially, MAP2K3/MKK3 and MAP2K6/MKK6 are both essential for the activation of MAPK11 and MAPK13 induced by environmental stress, whereas MAP2K6/MKK6 is the major MAPK11 activator in response to TNF. MAP2K6/MKK6 mediates apoptotic cell death in thymocytes. Acts also as a regulator for melanocytes dendricity, through the modulation of Rho family GTPases.
Immunogen	Recombinant human Dual specificity mitogen-activated protein kinase kinase 6 protein
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain using MAP2K6 Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using MAP2K6 Polyclonal Antibody at dilution of 1:50

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-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14589900
NCBI GeneID	5608
NCBI Accession #	NP_002749.2
NCBI GenBank Nucleotide #	NM_002758.3
UniProt Accession #	P52564
Molecular Weight	31,339 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 6 isoform 1
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
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

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/map2k6-antibody-immunohistochemistry-elisa/174001>