MAP2K6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MAP2K6, Polyclonal Antibody
Full Product Name	MAP2K6
Product Gene Name	anti-MAP2K6 antibody
Product Synonym Names	MAPKK6; MEK6; MKK6; PRKMK6; SAPKK-3; SAPKK3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	37KD
Immunogen	Recombinant fragment corresponding to 94-282aa of human MAP2K6.
Cellular Localization	Cytoplasm, Cytoskeleton, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MAP2K6 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MAP2K6 antibody	ELISA: 1:20,000-80,000 WB: 1:200-1,000 IHC: 1:100-500
Related Product Information for anti-MAP2K6 antibody	MBS8561095 is an antibody targeting MAP2K6. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Dual specificity mitogen-activated protein kinase kinase 6
Product References and Citations for anti-MAP2K6 antibody	Humphreys JM, Piala AT, Akella R. et al. Precisely ordered phosphorylation reactions in the p38 mitogen-activated protein (MAP) kinase cascade. J Biol Chem. 288(32):23322-30 (2013)
Other Notes	Small volumes of anti-MAP2K6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAP2K6. It may not necessarily be applicable to this product.

NCBI GI #	15080539
NCBI GeneID	5608
NCBI Accession #	BC012009
UniProt Related Accession #	P52564
NCBI Official Full Name	Homo sapiens mitogen-activated protein kinase kinase 6, mRNA

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
Protein Family	Dual specificity mitogen-activated protein kinase kinase
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 6
NCBI Summary for MAP2K6	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. [provided by RefSeq, Jul 2008]
Research Articles on MAP2K6	**1.** Data suggest that mitogen-activated protein kinase kinase 6 (MAP2K6) might be an important regulator of leukemia inhibitory factor receptor (LIFR)-induced radioresistance in nasopharyngeal carcinoma cells (NPC).
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