

Rabbit anti-Mouse, Rat MEKK3 Polyclonal Antibody | anti-MAP3K3 antibody

Anti-MEKK3 antibody

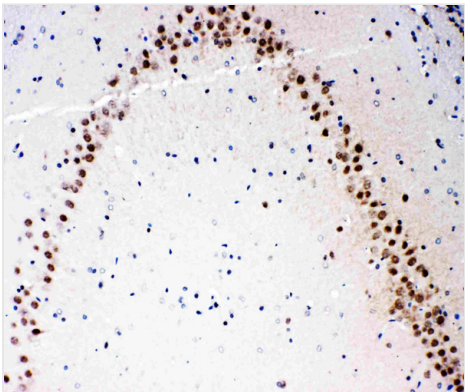
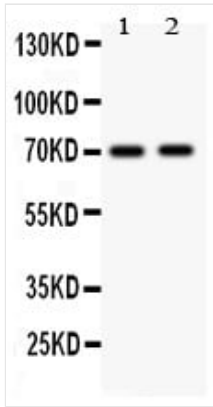
CATALOG # AAA45365	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MEKK3; Polyclonal Antibody; Anti-MEKK3 antibody; Mitogen-activated protein kinase kinase kinase 3; mitogen-activated protein kinase kinase kinase 3; M3K3_HUMAN antibody; MAP/ERK kinase kinase 3 antibody; MAP3K3 antibody; MAPK/ERK kinase kinase 3 antibody; MAPKKK3 antibody; MEK kinase 3 antibody; MEKK 3 antibody; MEKK3 antibody; mitogen activated protein kinase kinase kinase 3 antibody; Mitogen-activated protein kinase kinase kinase 3 antibody; anti-MAP3K3 antibody

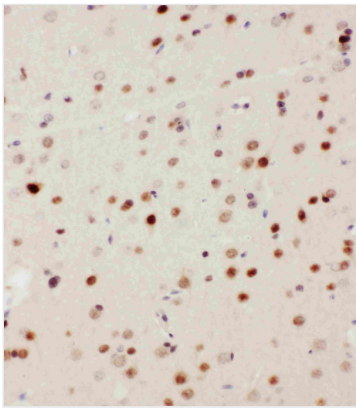
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	626
Applicable Applications for anti-MAP3K3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse MEKK3 (11-25aa MKDLVALQMSRRTRL), different from the related rat sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti-MEKK3 antibody, AAA45365, IHC(P)IHC(P): Rat Brain Tissue

WB (Western Blot)
Anti-MEKK3 antibody, AAA45365, Western blottingAll lanes: Anti MAP3K3 (AAA45365) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Mouse Brain Tissue Lysate at 50ugPredicted bind size: 71KDObserved bind size: 71KD



IHC (Immunohistochemistry)
Anti-MEKK3 antibody, AAA45365, IHC(P)IHC(P): Rat Brain Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K3 antibody	Description: Rabbit IgG polyclonal antibody for Mitogen-activated protein kinase kinase kinase 3(MAP3K3) detection. Tested with WB, IHC-P in Mouse, Rat. Background: MAP3K3(Mitogen-activated protein kinase kinase kinase 3), also known as MAP/ERK KINASE KINASE 3, MEKK3 or MAPKKK3, is an enzyme that in humans is encoded by the MAP3K3 gene. MAP3K3 is contiguously distal to LYK5 on chromosome 17(Puffenberger et al., 2007). By yeast 2-hybrid analysis of a mouse T-cell cDNA library, Uhlik et al.(2003) showed that a C-terminal fragment of mouse Osm(CCM2) interacted with Mekk3, which activates p38 in response to sorbitol-induced hyperosmotic conditions. Mekk3 and Osm colocalized in the cytoplasmic compartment of cotransfected cells, and the Mekk3-Osm complex was recruited to Rac1 and cytoskeletal actin-containing membrane ruffles in response to sorbitol treatment. Protein interaction assays showed that Osm interacted directly with the Mekk3 substrate Mkk3(MAP2K3), with actin, and with both GDP- and GTP-loaded Rac1. Uhlik et al.(2003) concluded that the RAC1-OSM-MEKK3-MKK3 complex is required for regulation of p38 activity in response to osmotic shock.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2499641
NCBI GeneID	26406
UniProt Accession #	Q61084
Molecular Weight	70,776 Da
NCBI Official Full Name	Mitogen-activated protein kinase kinase kinase 3

NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 3
NCBI Official Symbol	Map3k3
NCBI Official Synonym Symbols	Mekk3; MAPKKK3; AW548911; mKIAA4031
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 3; MEKK 3; MEK kinase 3; MAPK/ERK kinase kinase 3; mitogen activated protein kinase kinase kinase 3
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 3
UniProt Gene Name	Map3k3
UniProt Synonym Gene Names	Mekk3; MEK kinase 3; MEKK 3
UniProt Entry Name	M3K3_MOUSE

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/mekk3-antibody-immunohistochemistry-western-blot-elisa/45365>