Rabbit MEK3/MKK3 Polyclonal Antibody | anti-MAP2K3 antibody

Anti-MEK3/MKK3 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254403	**Rabbit**	**HumanPredicted to React with: Mouse (Species predicted to react based on 100% sequence homology)**	**Immunoprecipitation, Western Blot**

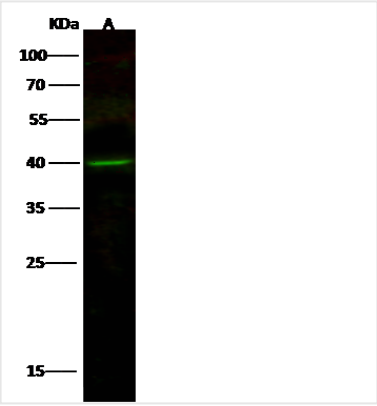
PRODUCT SYNONYMS

MEK3/MKK3; Polyclonal Antibody; Anti-MEK3/MKK3 Antibody; Rabbit Polyclonal; MAP2K3/MKK3 Antibody; Rabbit PAb; Antigen Affinity Purified; mitogen-activated protein kinase kinase 3; Anti-MAPKK3 Antibody; Anti-MEK3 Antibody; Anti-MKK3 Antibody; Anti-PRKMK3 Antibody; Anti-SAPKK-2 Antibody; Anti-SAPKK2 Antibody; anti-MAP2K3 antibody

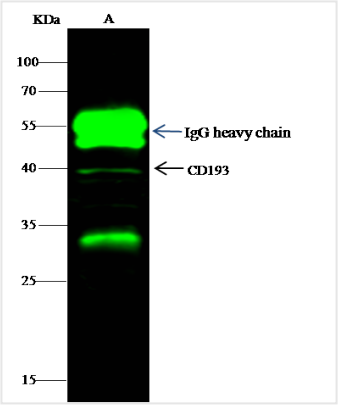
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MEK3/MKK3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MAP2K3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human MAP2K3/MKK3
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human MAP2K3/MKK3, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-MAP2K3 rabbit polyclonal antibody at 1:500 dilutionLane A: A431 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:39 kDaObserved band size:39 kDa



IP (Immunoprecipitation)
MAP2K3 was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell Lysate1 uL anti-MAP2K3 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G.Primary antibody:Anti-MAP2K3 rabbit polyclonal antibody,at 1:500 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 39 kDaObserved band size: 39 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2K3 antibody	MAP2K3 (Mitogen-Activated Protein Kinase Kinase 3, also known as MKK3) is a Protein Coding gene. The protein encoded by this gene is a dual-specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress and participates in the MAP kinase-mediated signaling cascade. 3 alternatively spliced human isoforms have been reported. MAP2K3 is widely expressed in bone marrow, gall bladder, and other tissues. MAP2K3 resides in a biological pathway linked to memory. It is in a signaling cascade associated with beta-amyloid mediated apoptosis and has enriched expression in microglia.MAP2K3 may represent a novel therapeutic target for age-related memory decline and perhaps Alzheimer's disease (AD).
Product Categories/Family for anti-MAP2K3 antibody	Death Receptor Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618347
NCBI GeneID	5606
NCBI Accession #	NP_002747.2
NCBI GenBank Nucleotide #	NM_002756.4
UniProt Accession #	P46734; Q99441; Q9UE71; Q9UE72; B3KSK7
Molecular Weight	39,318 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 3 isoform A
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 3
NCBI Official Symbol	MAP2K3
NCBI Official Synonym Symbols	MEK3; MKK3; MAPKK3; PRKMK3; SAPKK2; SAPKK-2
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 3; MEK 3; MAPKK 3; SAPK kinase 2; MAPK/ERK kinase 3; MAP kinase kinase 3; stress-activated protein kinase kinase 2
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 3
UniProt Gene Name	**MAP2K3**

UniProt Synonym Gene Names	MEK3; MKK3; PRKMK3; SKK2; MAP kinase kinase 3; MAPKK 3; MEK 3; SAPK kinase 2; SAPKK-2; SAPKK2
UniProt Entry Name	MP2K3_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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/mek3-mkk3-antibody-immunoprecipitation-western-blot-elisa/254403