

Mouse anti-Human MAP4K3 Monoclonal Antibody | anti-MAP4K3 antibody

MAP4K3 Antibody

CATALOG # AAA283442	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

MAP4K3; Monoclonal Antibody; MAP4K3 Antibody; Mitogen-activated protein kinase kinase kinase 3; Germinal center kinase-related protein kinase; GLK; MAPK/ERK kinase kinase kinase 3; MEK kinase kinase 3; MEKKK 3; RAB8IPL1; anti-MAP4K3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgM,k
Clone Number	219CT8.3.1
Specificity	This MAP4K3 monoclonal antibody is generated from mouse immunized with MAP4K3 recombinant protein.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Length	873
Applicable Applications for anti-MAP4K3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

MAP4K3 western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the MAP4K3 antibody detected the MAP4K3 protein (arrow).



WB (Western Blot)

Western blot analysis of lysates from HepG2, MCF-7 cell line (from left to right), using MAP4K3 Antibody. AAA283442 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. skeletal muscle section using MAP4K3 Antibody. AAA283442 was diluted at 1:100 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



WB (Western Blot)

Western blot analysis of lysate from MCF-7 cell line, using MAP4K3. AAA283442 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP4K3 antibody	This gene encodes a member of the Ste20 family of serine/threonine protein kinases. The protein belongs to the subfamily that consists of members, such as germinal center kinase (GCK), that are characterized by an N-terminal catalytic domain and C-terminal regulatory domain. The kinase activity of the encoded protein can be stimulated by UV radiation and tumor necrosis factor-alpha. The protein specifically activates the c-Jun N-terminal kinase (JNK) signaling pathway. Evidence suggests that it functions upstream of mitogen-activated protein kinase kinase kinase 1 (MEKK1). This gene previously was referred to as RAB8-interacting protein-like 1 (RAB8IPL1), but it has been renamed mitogen-activated protein kinase kinase kinase kinase 3 (MAP4K3).
Product Categories/Family for anti-MAP4K3 antibody	Cancer ; Metabolism ; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Ichikawa, S., et al. J. Bone Miner. Res. 25(8):1821-1829(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Yan, L., et al. Mol. Cell 37(5):633-642(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	394025669
NCBI GeneID	8491
NCBI Accession #	NP_001257354.1 ; NP_003609.2
NCBI GenBank Nucleotide #	NM_001270425.1
UniProt Accession #	Q8IVH8 ; Q6IQ39 ; Q8IVH7 ; Q9UDM5 ; Q9Y6R5
Molecular Weight	101316
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase kinase 3 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase kinase 3
NCBI Official Symbol	MAP4K3
NCBI Official Synonym Symbols	GLK; MEKKK3; MEKKK 3; MAPKKKK3; RAB8IPL1
NCBI Protein Information	mitogen-activated protein kinase kinase kinase kinase 3
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase kinase 3
UniProt Gene Name	MAP4K3
UniProt Synonym Gene Names	RAB8IPL1; GLK; MEK kinase kinase 3; MEKKK 3
UniProt Entry Name	M4K3_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/monoclonal/map4k3-antibody-clone-219ct8-3-1-immunohistochemistry-western-blot-elisa/283442>