

Rabbit anti-Human, Mouse MAP4K4 Polyclonal Antibody | anti-MAP4K4 antibody

MAP4K4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243538	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

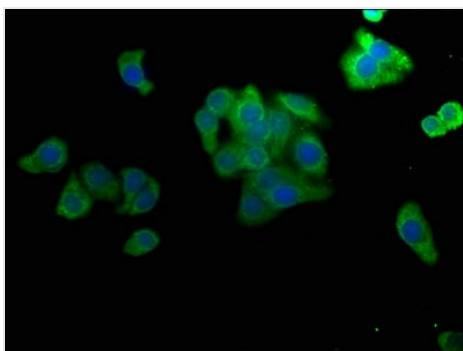
PRODUCT SYNONYMS

MAP4K4; Polyclonal Antibody; MAP4K4 Antibody; Mitogen-activated protein kinase kinase kinase kinase 4 (EC 2.7.11.1) (HPK/GCK-like kinase HGK) (MAPK/ERK kinase kinase kinase 4) (MEK kinase kinase 4) (MEKKK 4) (Nck-interacting kinase); HGK KIAA0687 NIK; anti-MAP4K4 antibody

PRODUCT SPECIFICATIONS

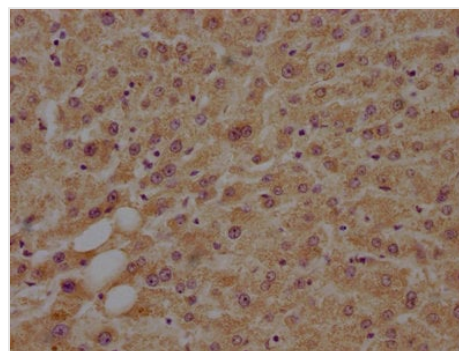
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-MAP4K4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Mitogen-activated protein kinase kinase kinase kinase 4 protein (866-1104AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



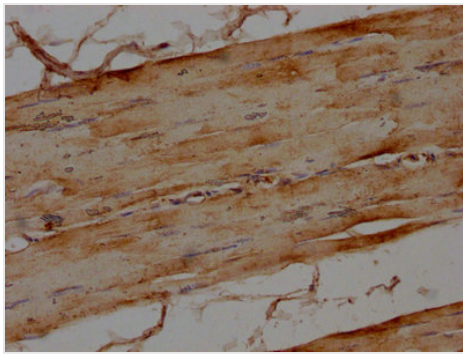
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA243538 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



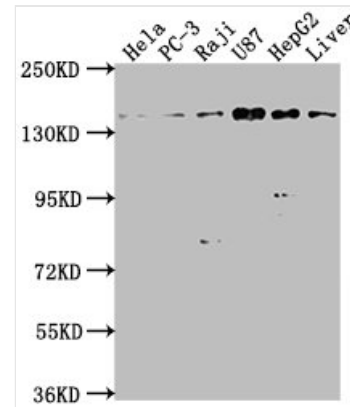
IHC (Immunohistochemistry)

IHC image of AAA243538 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA243538 diluted at 1:100 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Hela whole cell lysate, PC-3 whole cell lysate, Raji whole cell lysate, U87 whole cell lysate, HepG2 whole cell lysate, Mouse liver tissue. All lanes: MAP4K4 antibody at 1:1000. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 143, 139, 151, 134, 142, 146 kDa. Observed band size: 143 kDa.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MAP4K4 antibody

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	336020358
NCBI GeneID	9448
NCBI Accession #	NP_001229488.1
NCBI GenBank Nucleotide #	NM_001242559.1
UniProt Accession #	O95819; O75172; Q9NST7
Molecular Weight	142,101 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase kinase 4 isoform 4
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase kinase 4
NCBI Official Symbol	MAP4K4
NCBI Official Synonym Symbols	HGK; NIK; MEKKK4; FLH21957
NCBI Protein Information	mitogen-activated protein kinase kinase kinase kinase 4; MEK kinase kinase 4; nck-interacting kinase; HPK/GCK-like kinase HGK; Ste20 group protein kinase HGK; MAPK/ERK kinase kinase kinase 4; hepatocyte progenitor kinase-like/germinal center kinase-like k
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase kinase 4
UniProt Gene Name	MAP4K4
UniProt Synonym Gene Names	HGK; KIAA0687; NIK; MEK kinase kinase 4; MEKKK 4
UniProt Entry Name	M4K4_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/map4k4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243538>