

Rabbit anti-Human, Mouse MAPK4 Polyclonal Antibody | anti-MAPK4 antibody

MAPK4 Antibody

CATALOG # AAA118618	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

MAPK4; Polyclonal Antibody; MAPK4 Antibody; Mitogen-activated protein kinase 4 (MAP kinase 4) (MAPK 4) (EC 2.7.11.24) (Extracellular signal-regulated kinase 4) (ERK-4) (MAP kinase isoform p63) (p63-MAPK); ERK4 PRKM4; anti-MAPK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	376
Applicable Applications for anti-MAPK4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	MAPK4
Immunogen	Recombinant human Mitogen-activated protein kinase 4 protein (348-587aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-68169 / sc-68170
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human kidney using AAA118618 at dilution 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA118618 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: MAPK4 ntibody at 6ug/mlLane 1: mouse brain tissueLane 2: 293T whole cell lysateLane 3: Jurkat whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 66kDaObserved band size: 66kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK4 antibody	Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK4/MAPK4 is phosphorylated at Ser-186 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK4/MAPK4. May promote entry in the cell cycle.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	635574613
NCBI GeneID	5596
NCBI Accession #	NP_001278968.1
NCBI GenBank Nucleotide #	NM_001292039.1
UniProt Accession #	P31152; Q0VGO4; A1A4C4
NCBI Official Full Name	mitogen-activated protein kinase 4 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase 4
NCBI Official Symbol	MAPK4
NCBI Official Synonym Symbols	ERK4; ERK-4; PRKM4; p63MAPK; p63-MAPK
NCBI Protein Information	mitogen-activated protein kinase 4
UniProt Protein Name	Mitogen-activated protein kinase 4
UniProt Gene Name	MAPK4
UniProt Synonym Gene Names	ERK4; PRKM4; MAP kinase 4; MAPK 4; ERK-4; p63-MAPK
UniProt Entry Name	MK04_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://stage.aaabiotech.com/polyclonal/mapk4-antibody-immunohistochemistry-western-blot-elisa/118618>