

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

MAPK4 Antibody (N-term)

CATALOG # AAA290363	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

MAPK4; Polyclonal Antibody; MAPK4 Antibody (N-term); Mitogen-activated protein kinase 4; isoform CRA_a; anti-MAPK4 antibody

PRODUCT SPECIFICATIONS

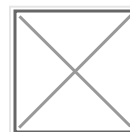
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAPK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human MAPK4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	72-101
Sequence Length	587
Applicable Applications for anti-MAPK4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with MAPK4 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of MAPK4 Antibody (N-term) in 293 cell line lysates (35ug/lane). MAPK4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK4 antibody	Mitogen-activated protein kinase 4 is a member of the mitogen-activated protein kinase family. Tyrosine kinase growth factor receptors activate mitogen-activated protein kinases which then translocate into the nucleus where it phosphorylates nuclear targets.
References	Kant,S.,J. Biol. Chem. 281 (46), 35511-35519 (2006) Seger,R.,FASEB J. 9 (9), 726-735 (1995) Lerner-Marmarosh,N.,Proc. Natl. Acad. Sci. U.S.A. 105 (19), 6870-6875 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	635574613
NCBI GeneID	5596
NCBI Accession #	NP_001278968.1
NCBI GenBank Nucleotide #	NM_001292039.1
UniProt Accession #	Q0VG04; A1A4C4; P31152
Molecular Weight	65,922 Da
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/290363>