

Rabbit MAPK1 Polyclonal Antibody | anti-MAPK1 antibody

MAPK1 antibody

CATALOG # AAA224246	HOST Rabbit	APPLICATIONS Western Blot
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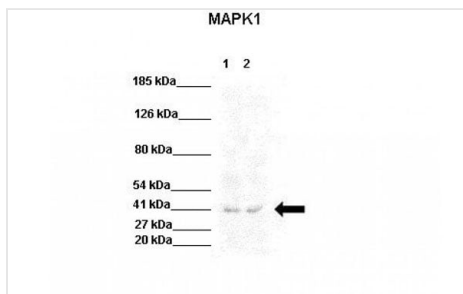
PRODUCT SYNONYMS

MAPK1; Polyclonal Antibody; MAPK1 antibody; Polyclonal MAPK1; Anti-MAPK1; MAPK 1; mitogen-activated protein kinase 1; p38; PRKM2; P42MAPK; PRKM1; p41; p40; MAPK2; ERK; ERK2; MAPK-1; ERT1; p41mapk; anti-MAPK1 antibody

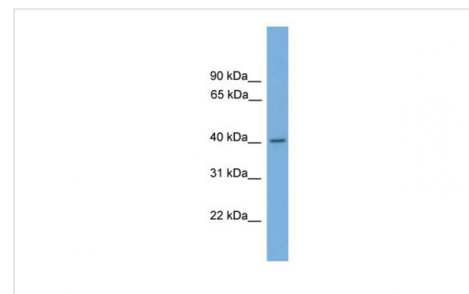
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Form/Format	Lyophilized powder. Add 50 ul of distilled water. Final antibody concentration is 1 mg/ml in PBS buffer.
Concentration	1 mg/ml (varies by lot)
Sequence Length	360
Applicable Applications for anti-MAPK1 antibody	WB (Western Blot)
Biological Significance	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene.
Cross-Reactivity	Human
Immunogen	MAPK1 antibody was raised in rabbit using the middle region of MAPK1 as the immunogen
Preparation and Storage	Store at 4 degree C, following reconstitution, aliquot and store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


WB (Western Blot)

Recommended MAPK1 Antibody Positive Control: Lane 1: 40ug HEK293 lysate Lane 2: 40ug U205 lysate; Antibody Dilution: 1:1000


WB (Western Blot)

Recommended MAPK1 Antibody Titration: 0.2-1 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK1 antibody	Affinity purified rabbit polyclonal MAPK1 antibody
Product Categories/Family for anti-MAPK1 antibody	Protein Modification & Stress Response; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	28461209
NCBI GeneID	327672
NCBI Accession #	NP_786987.1
NCBI GenBank Nucleotide #	NM_175793.2
Molecular Weight	41,376 Da
NCBI Official Full Name	mitogen-activated protein kinase 1
NCBI Official Symbol	MAPK1
NCBI Official Synonym Symbols	ERK2
NCBI Protein Information	mitogen-activated protein kinase 1
UniProt Protein Name	Mitogen-activated protein kinase 1
UniProt Gene Name	MAPK1
UniProt Synonym Gene Names	ERK2; PRKM1; MAP kinase 1; MAPK 1; ERK-2; MAP kinase 2; MAPK 2
UniProt Entry Name	MK01_BOVIN

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/mapk1-antibody-western-blot-elisa/224246>