

Rabbit MAPK1 Polyclonal Antibody | anti-MAPK1 antibody

MAPK1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200872	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

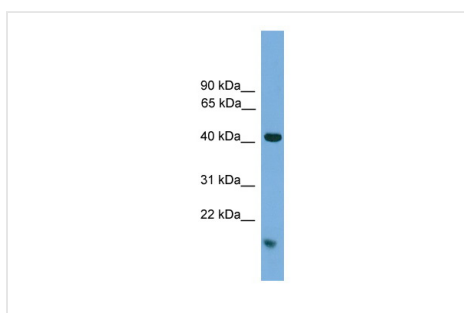
PRODUCT SYNONYMS

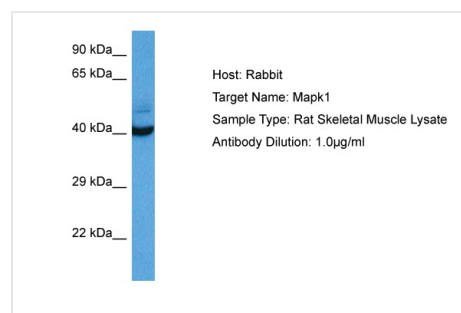
MAPK1; Polyclonal Antibody; MAPK1 antibody - C-terminal region; anti-MAPK1 antibody

PRODUCT SPECIFICATIONS

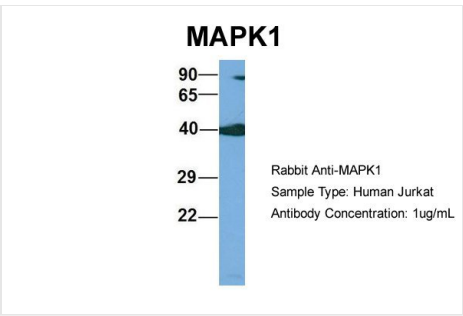
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: PY LEQYYDPSDE PIAEAPFKFD MELDDLPEK LKELIFEETA RFQPGYRS
Sequence Length	360
Applicable Applications for anti-MAPK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human MAPK1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

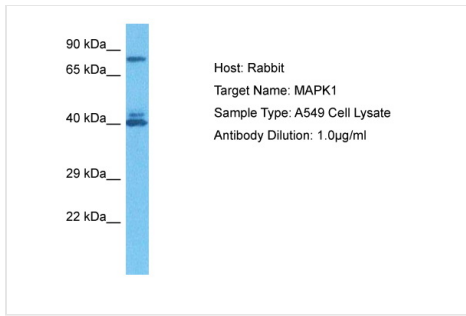
WB Suggested Anti-MAPK1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rat
Target Name: MAPK1
Sample Tissue: Rat Skeletal Muscle
Antibody Dilution: 1ug/ml



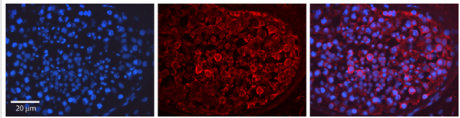
WB (Western Blot)

Host: RabbitTarget Name: MAPK1Sample Type: Human JurkatAntibody Dilution: 1.0ug/mlMAPK1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



WB (Western Blot)

Host: RabbitTarget Name: MAPK1Sample Tissue: Human A549 Whole CellAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-MAPK1 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Testis
TissueObserved Staining: CytoplasmPrimary Antibody Concentration: 1:100Other Working
Concentrations: N/ASecondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody
Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK1 antibody	This is a rabbit polyclonal antibody against MAPK1. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-MAPK1 antibody	Polyclonal; Protein Kinases; Transcription Regulation; Drugs and Drug Metabolism; Cell Biology; Signal Transduction; Phosphorylation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	20986531
NCBI GeneID	5594
NCBI Accession #	NP_620407
NCBI GenBank Nucleotide #	NM_138957
UniProt Accession #	P28482
Molecular Weight	41kDa
NCBI Official Full Name	mitogen-activated protein kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 1
NCBI Official Symbol	MAPK1
NCBI Official Synonym Symbols	ERK; p38; p40; p41; ERK2; ERT1; ERK-2; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk; p42-MAPK
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; PRKM2; MAP kinase 1; MAPK 1; ERK-2; p42-MAPK; MAP kinase 2; MAPK 2
UniProt Entry Name	MK01_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/mapk1-antibody-immunohistochemistry-western-blot-elisa/200872>