

Rabbit MAPK14 Polyclonal Antibody | anti-MAPK14 antibody

MAPK14 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201688	Rabbit	Cow, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

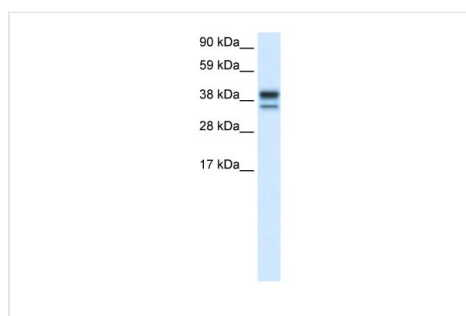
PRODUCT SYNONYMS

MAPK14; Polyclonal Antibody; MAPK14 antibody - C-terminal region; anti-MAPK14 antibody

PRODUCT SPECIFICATIONS

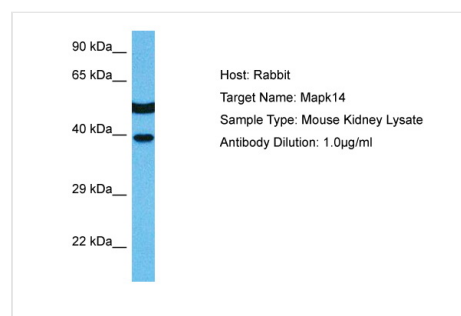
Host	Rabbit
Reactivity	Cow, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YH DPDDEPVADP YDQSFESRDL LIDEWKSLEY DEVISFVPPP LDQEEMES
Sequence Length	360
Applicable Applications for anti-MAPK14 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human MAPK14
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



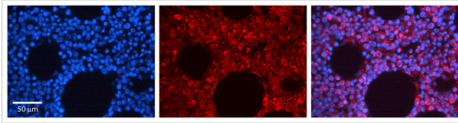
WB (Western Blot)

WB Suggested Anti-MAPK14 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: Jurkat cell lysate
 MAPK14 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



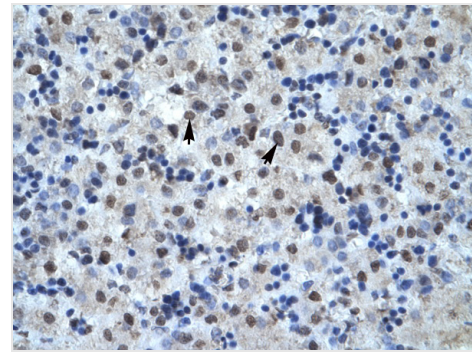
WB (Western Blot)

Host: Mouse
 Target Name: MAPK14
 Sample Tissue: Mouse Kidney
 Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-MAPK14 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Bone Marrow Tissue
 Observed Staining: Cytoplasm, Nucleus
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK14 antibody	This is a rabbit polyclonal antibody against MAPK14. It was validated on Western Blot and immunohistochemistry Target Description: MAPK14 encodes a protein which is a member of the MAP kinase family. MAP kinases 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. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response.
Product Categories/Family for anti-MAPK14 antibody	Polyclonal; Lymphocyte Signaling; Transcription Regulation; Drugs and Drug Metabolism; Developmental Biology; Signal Transduction; Meiosis/Mitosis/Cell Cycle; Immunohistochemistry; Phosphorylation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503069
NCBI GeneID	1432
NCBI Accession #	NP_001306
NCBI GenBank Nucleotide #	NM_001315
UniProt Accession #	Q16539
Molecular Weight	41kDa
NCBI Official Full Name	mitogen-activated protein kinase 14 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 14
NCBI Official Symbol	MAPK14
NCBI Official Synonym Symbols	RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA
NCBI Protein Information	mitogen-activated protein kinase 14
UniProt Protein Name	Mitogen-activated protein kinase 14
UniProt Gene Name	MAPK14
UniProt Synonym Gene Names	CSBP; CSBP1; CSBP2; CSPB1; MXI2; SAPK2A; MAP kinase 14; MAPK 14; CSAID-binding protein; CSBP; MAP kinase p38 alpha; SAPK2a
UniProt Entry Name	MK14_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/mapk14-antibody-western-blot-immunohistochemistry-elisa/201688>