

Rabbit Phospho-MAPK14 Polyclonal Antibody | anti-MAPK14 antibody

Phospho-MAPK14 (T180) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290978	Rabbit	Human Predicted Reactivity: Zebrafish, Mouse, Rat	Dot Blot, Western Blot

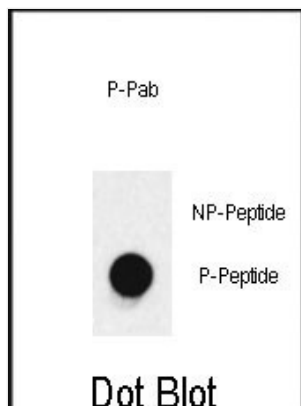
PRODUCT SYNONYMS

Phospho-MAPK14; Polyclonal Antibody; Phospho-MAPK14 (T180) Antibody; Affinity Purified Rabbit Polyclonal Antibody (Pab); Mitogen-activated protein kinase 14; MAP kinase 14; MAPK 14; Cytokine suppressive anti-inflammatory drug-binding protein; CSAID-binding protein; CSBP; MAP kinase MXI2; MAX-interacting protein 2; Mitogen-activated protein kinase p38 alpha; MAP kinase p38 alpha; Stress-activated protein kinase 2a; SAPK2a; MAPK14; CSBP1; CSBP2; CSPB1; MXI2; SAPK2A; anti-MAPK14 antibody

PRODUCT SPECIFICATIONS

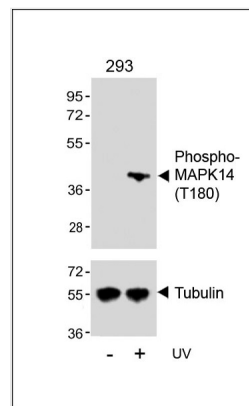
Host	Rabbit
Reactivity	Human Predicted Reactivity: Zebrafish, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB15973
Specificity	This MAPK14 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T180 of human MAPK14.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-MAPK14 antibody	DB (Dot Blot), WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



DB (Dot Blot)

Dot blot analysis of anti-Phospho-p38 MAPK-T180 Antibody (Cat.# AP3642a) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.



WB (Western Blot)

Western blot analysis of lysates from 293 cell line, untreated or treated with UV(2h), using Phospho-MAPK14(T180) Antibody(upper) or Tubulin (lower).

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK14 antibody	MAPK14 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	Primary Antibodies ; JAK-STAT signaling ; Interferon-gamma signaling ; T cell receptor signaling ; Toll-Like receptor signaling ; Toll-Like Receptor ; Toll receptor signaling ; RIG-I-like Receptor ; Phospho Antibodies ; Amyotrophic Lateral Sclerosis (ALS) ; Signal
References	Cheung, P.C., et al., EMBO J. 22(21):5793-5805 (2003).Dean, J.L., et al., J. Biol. Chem. 278(41):39470-39476 (2003).Sun, A., et al., Exp. Neurol. 183(2):394-405 (2003).Yustein, J.T., et al., Oncogene 22(40):6129-6141 (2003).Frevel, M.A., et al., Mol. Cell. Biol. 23(2):425-436 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503069
NCBI GeneID	1432
NCBI Accession #	NP_001306.1 ; NP_620583.1
NCBI GenBank Nucleotide #	NM_001315.2
UniProt Accession #	Q16539 ; P70618 ; P47811 ; Q9DGE2
Molecular Weight	41,293 Da
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; MAP kinase 14; p38alpha Exip; p38 MAP kinase; MAP kinase Mxi2; MAP kinase p38 alpha; CSAID-binding protein; Csaids binding protein; MAX-interacting protein 2; stress-activated protein kinase 2A; p38 mitogen activated p
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://stage.aaabiotech.com/polyclonal/phospho-mapk14-antibody-clone-rb15973-dot-blot-western-blot-elisa/290978>