Rabbit p38 MAPK Monoclonal Antibody | anti-MAPK14 antibody

p38 MAPK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312425	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot**

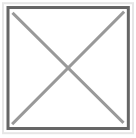
PRODUCT SYNONYMS

p38 MAPK; Monoclonal Antibody; p38 MAPK Antibody; CSAID-binding protein antibody; Csaids binding protein antibody; CSBP antibody; CSBP1 antibody; CSBP2 antibody; CSPB1 antibody; Cytokine suppressive anti-inflammatory drug-binding protein antibody; EXIP antibody; MAP kinase 14 antibody; MAP kinase MXI2 antibody; MAP kinase p38 alpha antibody; MAPK 14 antibody; MAPK14 antibody; MAX-interacting protein 2 antibody; Mitogen-activated protein kinase 14 antibody; Mitogen-activated protein kinase p38 alpha antibody; MK14_HUMAN antibody; Mxi2 antibody; p38 antibody; p38 MAP kinase antibody; p38 mitogen activated protein kinase antibody; p38ALPHA antibody; p38alpha Exip antibody; PRKM14 antibody; PRKM15 antibody; RK antibody; SAPK2A antibody; Stress-activated protein kinase 2a antibody; anti-MAPK14 antibody

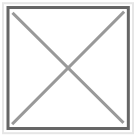
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JF55-07
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MAPK14 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)
ICC staining p38 MAPK in 293T cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



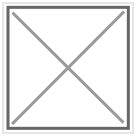
ICC (Immunocytochemistry)
ICC staining p38 MAPK in NIH/3T3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)
ICC staining p38 MAPK in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-p38 MAPK antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of p38 MAPK on different lysates using anti-p38 MAPK antibody at 1/1,
000 dilution. Positive control: Lane 1: NIH/3T3 Lane 2: Human brain Lane 3: 293

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK14 antibody	MAP (mitogen-activated protein) kinases play a significant role in many biological processes, including cell adhesion and spreading, cell differentiation and apoptosis. p38alpha, p38beta and p38gamma, also known as MAPK14, MAPK11 and MAPK12, respectively, each contain one protein kinase domain and belong to the MAP kinase family. Expressed in different areas throughout the body with common expression patterns in heart, p38 proteins use magnesium as a cofactor to catalyze the ATP-dependent phosphorylation of target proteins. Via their catalytic activity, p38alpha, p38beta and p38gamma are involved in a variety of events throughout the cell, including signal transduction pathways, cytokine production and cell proliferation and differentiation. The p38 proteins are subject to phosphoryation on Thr and Tyr residues, an event which is thought to activate the phosphorylated protein.
Product Categories/Family for anti-MAPK14 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503069
NCBI GeneID	1432
NCBI Accession #	NP_001306.1
NCBI GenBank Nucleotide #	NM_001315.2
UniProt Accession #	Q16539; O60776; Q13083; Q14084; Q8TDX0; A6ZJ92; A8K6P4; B0LPH0
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/p38-mapk-antibody-clone-jf55-07-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312425