

P38 MAPK Antibody | anti-P38 MAPK antibody

P38 MAPK (Phospho-Tyr182) Antibody

CATALOG # AAA111028	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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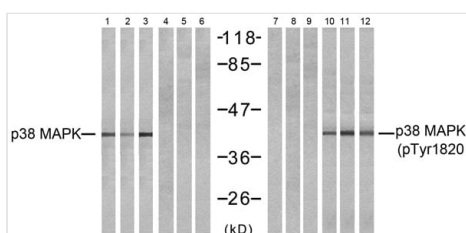
PRODUCT SYNONYMS

P38 MAPK; P38 MAPK (Phospho-Tyr182) Antibody; anti-P38 MAPK antibody

PRODUCT SPECIFICATIONS

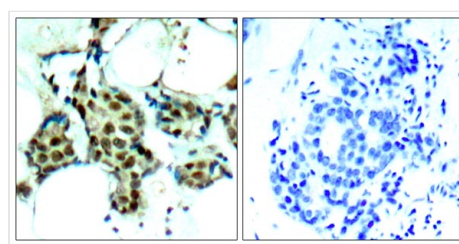
Reactivity	Human, Mouse, Rat
Specificity	p38 MAPK (phospho-Tyr182) antibody detects endogenous levels of P38MAPK only when phosphorylated at tyrosine 182.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	360
Applicable Applications for anti-P38 MAPK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p38 MAPK around the phosphorylation site of tyrosine 182 (T-G-YP-V-A).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH-3T3 (Line 1, 4, 7 and 10) and cos7 (Line 2, 5, 8 and 11 and K562 (Line 3, 6, 9 and 12) cells, untreated or treated with UV (20min), using P38 MAPK (Ab-182) antibody and P38 MAPK (phospho-Tyr182) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using P38 MAPK (phospho-Tyr182) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-P38 MAPK antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ming Zheng, et al.(2005) The FASEB Journal. 19: 109-111 Bernt van den et al.(2001) Blink Immunology, 166: 582-587 Arshad Rahman, et al. (2004) Am J Physiol Lung Cell Mol Physiol 287: L1017-L1024 Osamu Yoshino, et al. (2003) Endocrinology & Metabolism Vol. 88: 2236-2241.

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; B5TY32
Molecular Weight	29,388 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
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

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/human-mouse-rat-antibody/p38-mapk/111028>