

Rabbit MKP-1/2 Polyclonal Antibody | anti-MKP-1/2 antibody

MKP-1/2 (Phospho-Ser296/318) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316653	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

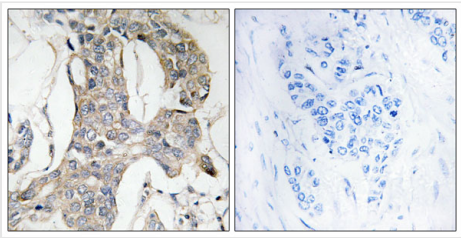
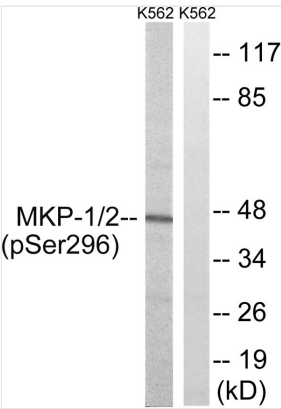
PRODUCT SYNONYMS

MKP-1/2; Polyclonal Antibody; MKP-1/2 (Phospho-Ser296/318) Antibody; 3CH134; CL100; Dual specificity protein phosphatase 1; Dual specificity protein phosphatase hVH1; DUS1; DUSP1; MAP kinase phosphatase-1; MKP1; Protein-tyrosine phosphatase 3CH134; Protein-tyrosine phosphatase CL100; Protein-tyrosine phosphatase ERP; PTPN1; anti-MKP-1/2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	MKP-1/2 (Phospho-Ser296/318) Antibody detects endogenous levels of MKP-1/2 only when phosphorylated at Ser296/318.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	367
Applicable Applications for anti-MKP-1/2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S296/318; M:S296/322; R:S296/319
Immunogen	The antiserum was produced against synthesized peptide derived from human MKP-1/2 around the phosphorylation site of Ser296/318.
Immunogen Range	261-310
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using MKP-1/2 (Phospho-Ser296/318) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from K562 cells treated with heat shock, using MKP-1/2 (Phospho-Ser296/318) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758204
NCBI GeneID	1843
NCBI Accession #	NP_004408.1
NCBI GenBank Nucleotide #	NM_004417.3
UniProt Accession #	P28562; Q2V508; D3DQL9
Molecular Weight	39 kDa
NCBI Official Full Name	dual specificity protein phosphatase 1
NCBI Official Synonym Full Names	dual specificity phosphatase 1
NCBI Official Symbol	DUSP1
NCBI Official Synonym Symbols	HVH1; MKP1; CL100; MKP-1; PTPN10
NCBI Protein Information	dual specificity protein phosphatase 1
UniProt Protein Name	Dual specificity protein phosphatase 1
UniProt Gene Name	DUSP1
UniProt Synonym Gene Names	CL100; MKP1; PTPN10; VH1; MAP kinase phosphatase 1; MKP-1

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/mkp-1-2-antibody-immunohistochemistry-western-blot-elisa/316653>