

Rabbit MKP1/2 Polyclonal Antibody | anti-MKP1/2 antibody

MKP1/2 antibody

CATALOG # AAA224166	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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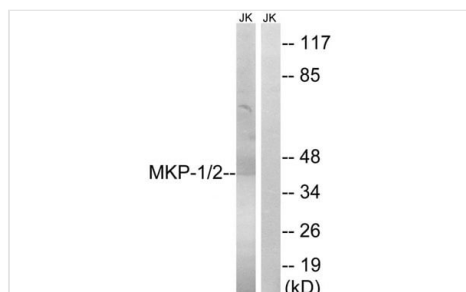
PRODUCT SYNONYMS

MKP1/2; Polyclonal Antibody; MKP1/2 antibody; Polyclonal MKP1/2; Anti-MKP1/2; MKP 1/2 Phospho; dual specificity phosphatase 1; MKP 1/2; HVH1; Phospho MKP 1/2; phospho MKP 1/2; MKP1; MKP-1; PTPN10; CL100; DUSP1; anti-MKP1/2 antibody

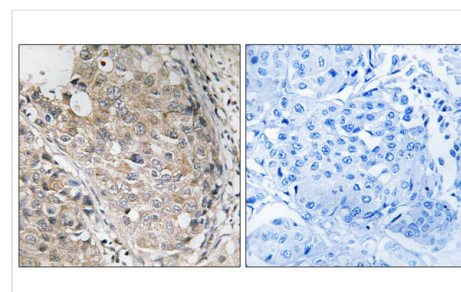
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	MKP1/2 antibody detects endogenous levels of total MKP1/2 protein
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl with 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	784
Applicable Applications for anti-MKP1/2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	MKP1/2 has intrinsic phosphatase activity, and specifically inactivates mitogen-activated protein (MAP) kinase in vitro by the concomitant dephosphorylation of both its phosphothreonine and phosphotyrosine residues.
Cross-Reactivity	Mouse, Rat
Immunogen	MKP1/2 antibody was raised in Rabbit using synthesized non-phosphopeptide derived from human MKP1/2 around the phosphorylation site of serine 296/318 (I-I-SP-P-N) as the immunogen
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze thaw cycles

IMAGES


WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using MKP-1/2 antibody


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MKP-1/2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MKP1/2 antibody	Rabbit polyclonal MKP1/2 antibody
Product Categories/Family for anti-MKP1/2 antibody	Protein Modification & Stress Response; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	240255645
NCBI GeneID	824693
NCBI Accession #	NP_567018.4
NCBI GenBank Nucleotide #	NM_115385.7
Molecular Weight	85,964 Da
NCBI Official Full Name	mitogen-activated protein kinase phosphatase 1
NCBI Official Symbol	MKP1
NCBI Official Synonym Symbols	ARABIDOPSIS MITOGEN-ACTIVATED PROTEIN KINASE PHOSPHATASE 1; ATMKP1; mitogen-activated protein kinase phosphatase 1; MKP1
NCBI Protein Information	mitogen-activated protein kinase phosphatase 1
UniProt Protein Name	Protein-tyrosine-phosphatase MKP1
UniProt Gene Name	MKP1
UniProt Synonym Gene Names	AtMKP1
UniProt Entry Name	MKP1_ARATH

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/mkp1-2-antibody-immunohistochemistry-western-blot-elisa/224166>