Mouse MKP-3 Monoclonal Antibody | anti-MKP-3 antibody

MKP-3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311993	**Mouse**	**Human, Mouse, Rat**	**Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot**

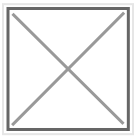
PRODUCT SYNONYMS

MKP-3; Monoclonal Antibody; MKP-3 Antibody; Dual specificity phosphatase 6 antibody; Dual specificity phosphatase 6 isoform a antibody; Dual specificity protein phosphatase 6 antibody; Dual specificity protein phosphatase PYST1 antibody; DUS6_HUMAN antibody; DUSP 6 antibody; DUSP 6a antibody; Dusp6 antibody; DUSP6a antibody; HH19 antibody; MAP kinase phosphatase 3 antibody; Mitogen activated protein kinase phosphatase 3 antibody; Mitogen-activated protein kinase phosphatase 3 antibody; MKP 3 antibody; MKP-3 antibody; MKP3 antibody; PYST 1 antibody; PYST1 antibody; Serine/threonine specific protein phosphatase antibody; hide; anti-MKP-3 antibody

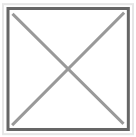
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	3G1
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MKP-3 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



Application Data
Immunoperoxidase staining of formalin fixed, paraffin-embedded human bronchus tissue showing cytoplasmic staining of respiratory epithelial cells.



WB (Western Blot)
Western blot analysis of MKP-3 expression in non-transfected (A) and human MKP-3 transfected (B) 293T whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MKP-3 antibody	Mitogen-activated protein (MAP) kinases are a large class of proteins involved in signal transduction pathways that are activated by a range of stimuli and mediate a number of physiological and pathological changes in the cell. Dual specificity phosphatases (DSPs) are a subclass of the protein tyrosine phosphatase (PTP) gene superfamily, which are selective for dephosphorylating critical phosphothreonine and phosphotyrosine residues within MAP kinases. DSP gene expression is induced by a host of growth factors and/or cellular stresses, thereby negatively regulating MAP kinase superfamily members including MAPK/ERK, SAPK/JNK and p38. The members of the dual-specificity phosphatase protein family include MKP-1/CL100 (3CH134), VHR, PAC1, MKP-2, hVH-3 (B23), hVH-5, MKP-3, MKP-X, and MKP-4. Human MKP-3 maps to chromosome 12q21.33 and encodes a 381 amino acid protein that specifically inactivates members of the ERK family and is expressed in a variety of tissues with the highest levels in heart and pancreas.
Product Categories/Family for anti-MKP-3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	42764683
NCBI GeneID	1848
NCBI Accession #	NP_001937.2
NCBI GenBank Nucleotide #	NM_001946.2
UniProt Accession #	Q16828; O75109; Q53Y75; Q9BSH6
Molecular Weight	42,320 Da
NCBI Official Full Name	dual specificity protein phosphatase 6 isoform a
NCBI Official Synonym Full Names	dual specificity phosphatase 6
NCBI Official Symbol	DUSP6
NCBI Official Synonym Symbols	MKP3; PYST1
NCBI Protein Information	dual specificity protein phosphatase 6; MAP kinase phosphatase 3; dual specificity protein phosphatase PYST1; serine/threonine specific protein phosphatase; mitogen-activated protein kinase phosphatase 3
UniProt Protein Name	Dual specificity protein phosphatase 6
UniProt Gene Name	**DUSP6**
UniProt Synonym Gene Names	MKP3; PYST1; MAP kinase phosphatase 3; MKP-3
UniProt Entry Name	DUS6_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/monoclonal/mkp-3-antibody-clone-3g1-immunohistochemistry-immunofluorescence-immunoprecipitation-western-blot-elisa/311993