

Rabbit DUSP6 Polyclonal Antibody | anti-DUSP6 antibody

DUSP6 Polyclonal Antibody

CATALOG # AAA169709	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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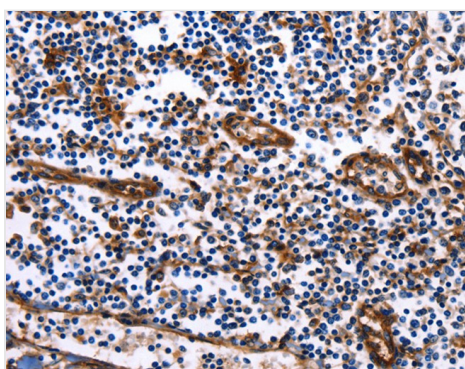
PRODUCT SYNONYMS

DUSP6; Polyclonal Antibody; DUSP6 Polyclonal Antibody; MKP3; PYST1; anti-DUSP6 antibody

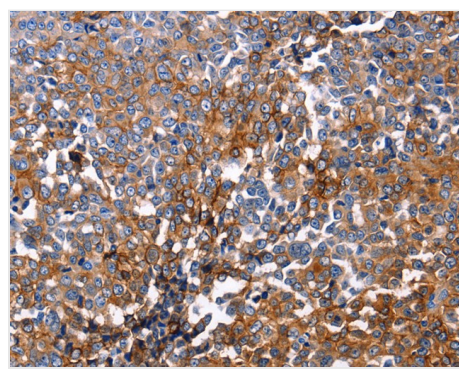
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	381
Applicable Applications for anti-DUSP6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human DUSP6
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

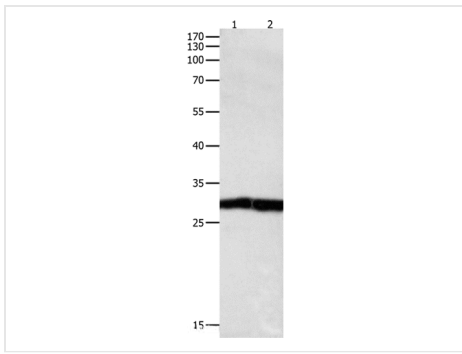
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human tonsil using DUSP6 Polyclonal Antibody at dilution of 1:25



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human ovarian cancer using DUSP6 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)
Western Blot analysis of Jurkat cell and Human fetal kidney tissue using DUSP6 Polyclonal
Antibody at dilution of 1:450

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP6 antibody	The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK2, is expressed in a variety of tissues with the highest levels in heart and pancreas, and unlike most other members of this family, is localized in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42764683
NCBI GeneID	1848
NCBI Accession #	NP_001937.2
NCBI GenBank Nucleotide #	NM_001946.3
Molecular Weight	26,468 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	HH19; MKP3; PYST1
NCBI Protein Information	dual specificity protein phosphatase 6; MAP kinase phosphatase 3; dual specificity protein phosphatase PYST1; mitogen-activated protein kinase phosphatase 3; serine/threonine specific protein phosphatase
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.