

Rabbit anti-Human DUSP6 Polyclonal Antibody | anti-DUSP6 antibody

DUSP6 Antibody

CATALOG # AAA306724	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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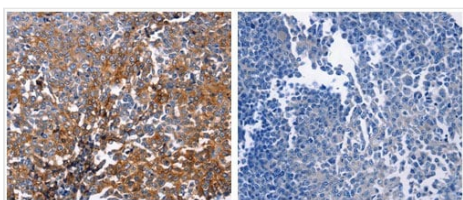
PRODUCT SYNONYMS

DUSP6; Polyclonal Antibody; DUSP6 Antibody; dual specificity phosphatase 6; MKP3; PYST1; anti-DUSP6 antibody

PRODUCT SPECIFICATIONS

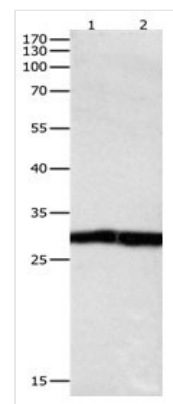
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total DUSP6 protein.
Form/Format	Supplied at 0.9mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	2212
Applicable Applications for anti-DUSP6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to a region derived from 206-381 amino acids of human dual specificity phosphatase 6
Target Name	DUSP6
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 31069(DUSP6 Antibody) at dilution 1/25, on the right is treated with the fusion protein.



Application Data

Gel: 10%SDS-PAGE Lane1: Jurkat cell lysate Lane2: Human fetal kidney tissue lysate
Lysates: 30ug per lane Primary antibody: 1/450 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

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.
Product Categories/Family for anti-DUSP6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13477170
NCBI GeneID	1848
Molecular Weight	26,468 Da
NCBI Official Full Name	Homo sapiens dual specificity phosphatase 6, mRNA
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
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.