

Rabbit DUSP6 Polyclonal Antibody | anti-DUSP6 antibody

DUSP6 Antibody (N-term)

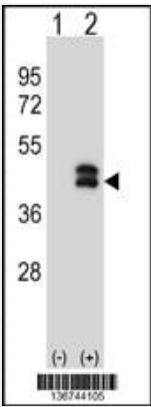
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284891	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	ELISA, Western Blot

PRODUCT SYNONYMS

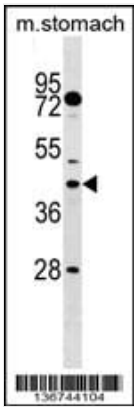
DUSP6; Polyclonal Antibody; DUSP6 Antibody (N-term); Dual specificity protein phosphatase 6; Dual specificity protein phosphatase PYST1; Mitogen-activated protein kinase phosphatase 3; MAP kinase phosphatase 3; MKP-3; MKP3; PYST1; anti-DUSP6 antibody

PRODUCT SPECIFICATIONS

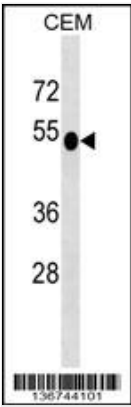
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DUSP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-88 amino acids from the N-terminal region of human DUSP6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	59-88
Sequence Length	235
Applicable Applications for anti-DUSP6 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of DUSP6 (arrow) using rabbit polyclonal DUSP6 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DUSP6 gene.



WB (Western Blot)
DUSP6 Antibody (N-term) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the DUSP6 antibody detected the DUSP6 protein (arrow).



WB (Western Blot)
DUSP6 Antibody (N-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the DUSP6 antibody detected the DUSP6 protein (arrow).

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	Neuroscience

References	Chiappinelli, K.B., et al. Gynecol. Oncol. 119(1):146-150(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Nunes-Xavier, C.E., et al. J. Biol. Chem. 285(34):26417-26430(2010) Zhang, Z., et al. Carcinogenesis 31(4):577-586(2010) Wang, Z., et al. Mol. Vis. 16, 1696-1704 (2010) :
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42764683
NCBI GeneID	1848
NCBI Accession #	NP_001937.2; NP_073143.2
NCBI GenBank Nucleotide #	NM_001946.3
UniProt Accession #	Q16828; O75109; Q53Y75; Q9BSH6
Molecular Weight	42320
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
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://www.aaabiotech.com/polyclonal/dusp6-antibody-western-blot-elisa/284891>