DUSP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DUSP2, Polyclonal Antibody
Full Product Name	DUSP2 Antibody
Product Gene Name	anti-DUSP2 antibody
Product Synonym Gene Name	DUSP2
Product Synonym Names	PAC1; PAC-1
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total DUSP2 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	34,400 Da
OMIM	603068
3D Structure	ModBase 3D Structure for Q05923
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human dual specificity phosphatase 2
Product Categories/Family for anti-DUSP2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DUSP2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-DUSP2 antibody	WB: 1:200-1:1000 IHC: 1:25-1:100
Related Product Information for anti-DUSP2 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
Other Notes	Small volumes of anti-DUSP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DUSP2 purchase	MBS8590881 is an antibody targeting DUSP2. Also known as DUSP2 Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DUSP2. It may not necessarily be applicable to this product.

NCBI GI #	4758206
NCBI GeneID	1844
NCBI Accession #	NP_004409
UniProt Primary Accession #	Q05923
UniProt Secondary Accession #	Q53T45
UniProt Related Accession #	Q05923
GenBank Nucleotide #	NM_004418
NCBI Official Full Name	dual specificity protein phosphatase 2
NCBI Official Synonym Full Names	dual specificity phosphatase 2
NCBI Official Symbol	DUSP2
NCBI Official Synonym Symbols	PAC1; PAC-1
UniProt Protein Name	Dual specificity protein phosphatase 2
UniProt Synonym Protein Names	Dual specificity protein phosphatase PAC-1
Protein Family	Dual specificity protein phosphatase
UniProt Gene Name	DUSP2
UniProt Synonym Gene Names	PAC1
UniProt Entry Name	DUS2_HUMAN
NCBI Protein Information	dual specificity protein phosphatase 2; dual specificity protein phosphatase PAC-1; dual-specificity phosphatase 2; serine/threonine specific protein phosphatase
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