

Rabbit DUSP7 Polyclonal Antibody | anti-DUSP7 antibody

DUSP7 Antibody

CATALOG # AAA225445	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

DUSP7; Polyclonal Antibody; DUSP7 Antibody; Affinity Purified Rabbit Polyclonal DUSP7 Antibody; Polyclonal DUSP7 antibody; Anti-DUSP7 antibody; dual-specificity phosphatase-7 antibody; DUSP 7 antibody; DKFZp586F2224 antibody; DUSP 7; dual specificity phosphatase 7 antibody; DUSP-7 antibody; DUSP-7; PYST2 antibody; DUSP7 antibody; MKPX antibody; dual specificity protein phosphatase 7 antibody; dual specificity protein phosphatase PYST2 antibody; anti-DUSP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	419
Applicable Applications for anti-DUSP7 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



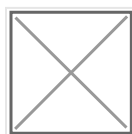
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded NCIN87 xenograft using DUSP7 antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A:Raji) using a 10% SDS PAGE gel and DUSP7 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A549, using DUSP7 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP7 antibody	Dual-specificity phosphatases constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. DUSP7 belongs to a class of DUSPs, designated MKPs, that dephosphorylate MAPK proteins ERK, JNK, and p38 with specificity distinct from that of individual MKP proteins. MKPs contain a highly conserved C-terminal catalytic domain and an N-terminal Cdc25-like domain. MAPK activation cascades mediate various physiologic processes, including cellular proliferation, apoptosis, differentiation, and stress responses.
Product Categories/Family for anti-DUSP7 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	238231453
NCBI GeneID	1849
NCBI GenBank Nucleotide #	NP_001938.2
UniProt Accession #	Q16829
Molecular Weight	41 kDa
NCBI Official Full Name	dual specificity protein phosphatase 7
NCBI Official Synonym Full Names	dual specificity phosphatase 7
NCBI Official Symbol	DUSP7
NCBI Official Synonym Symbols	MKPX; PYST2
NCBI Protein Information	dual specificity protein phosphatase 7
UniProt Protein Name	Dual specificity protein phosphatase 7
UniProt Gene Name	DUSP7
UniProt Synonym Gene Names	PYST2
UniProt Entry Name	DUS7_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.