

Rabbit DUSP8 Polyclonal Antibody | anti-DUSP8 antibody

DUSP8 Rabbit pAb

CATALOG # AAA281890	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

DUSP8; Polyclonal Antibody; DUSP8 Rabbit pAb; C11orf81; HB5; HVH-5; HVH8; anti-DUSP8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-DUSP8 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human DUSP8
Cellular Location	Cytoplasm, Nucleus
Positive Samples	U-87MG, Raji, A-431, Mouse lung, Mouse heart, Rat lung
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



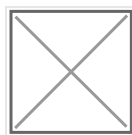
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using DUSP8 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DUSP8 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



WB (Western Blot)

Western blot analysis of extracts of various cell line, using DUSP8 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP8 antibody	Background: 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 is 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 SAPK/JNK and p38, is expressed predominantly in the adult brain, heart, and skeletal muscle, is localized in the cytoplasm, and is induced by nerve growth factor and insulin. An intronless pseudogene for DUSP8 is present on chromosome 10q11.2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223590200
NCBI GeneID	1850
UniProt Accession #	Q13202; Q86SS8
Molecular Weight	625
NCBI Official Full Name	Dual specificity protein phosphatase 8
NCBI Official Synonym Full Names	dual specificity phosphatase 8
NCBI Official Symbol	DUSP8
NCBI Official Synonym Symbols	HB5; HVH8; HVH-5; C11orf81
NCBI Protein Information	dual specificity protein phosphatase 8; H1 phosphatase, vaccinia virus homolog; dual specificity protein phosphatase hVH-5; serine/threonine specific protein phosphatase
UniProt Protein Name	Dual specificity protein phosphatase 8
UniProt Gene Name	DUSP8
UniProt Synonym Gene Names	C11orf81; VH5
UniProt Entry Name	DUS8_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.