

Rabbit anti-Human, Mouse DUSP8 Polyclonal Antibody | anti-DUSP8 antibody

DUSP8 Antibody (N-term)

CATALOG # AAA296698	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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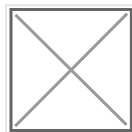
PRODUCT SYNONYMS

DUSP8; Polyclonal Antibody; DUSP8 Antibody (N-term); Dual specificity protein phosphatase 8; Dual specificity protein phosphatase hVH-5; C11orf81; VH5; anti-DUSP8 antibody

PRODUCT SPECIFICATIONS

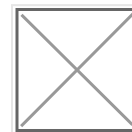
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This DUSP8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DUSP8.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-DUSP8 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Antigen Region	1-30
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: IHC-P 1:50~100Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Dilution: WB 1:1000The anti-DUSP8 Pab (Cat. #AAA296698) is used in Western blot to detect DUSP8 in mouse brain cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP8 antibody	DUSP8 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. DUSP8 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.
Product Categories/Family for anti-DUSP8 antibody	Primary Antibodies; Signal Transduction
References	Berger, I.R., et al., Cancer Genet. Cytogenet. 159 (2):155-159 (2005). Hink, R.L., et al., Genomics 8 (3):305-312 (2003). Nesbit, M.A., et al., Genomics 42 (2):284-294 (1997). Martell, K.J., et al., J. Neurochem. 65 (4):1823-1833 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	153281158
NCBI GeneID	1850
NCBI Accession #	NP_004411.2; NP_004411
NCBI GenBank Nucleotide #	NM_004420.2
UniProt Accession #	Q13202; O09112
Molecular Weight	65,827 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dusp8-antibody-western-blot-immunohistochemistry-elisa/296698>