

Rabbit DUSP12 Polyclonal Antibody | anti-DUSP12 antibody

DUSP12 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166498	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

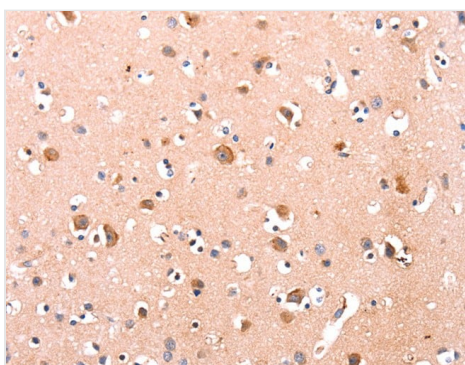
PRODUCT SYNONYMS

DUSP12; Polyclonal Antibody; DUSP12 Polyclonal Antibody; YVH1; DUSP1; anti-DUSP12 antibody

PRODUCT SPECIFICATIONS

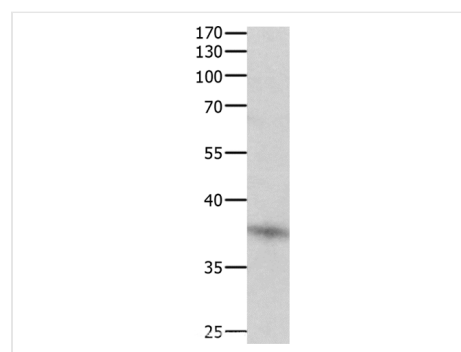
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	340
Applicable Applications for anti-DUSP12 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human DUSP12
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using DUSP12 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)

Western Blot analysis of Jurkat cell using DUSP12 Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP12 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 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 is the human ortholog of the Saccharomyces cerevisiae YVH1 protein tyrosine phosphatase. It is localized predominantly in the nucleus, and is novel in that it contains, and is regulated by a zinc finger domain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005956
NCBI GeneID	11266
NCBI Accession #	NP_009171.1
NCBI GenBank Nucleotide #	NM_007240.2
Molecular Weight	37,687 Da
NCBI Official Full Name	dual specificity protein phosphatase 12
NCBI Official Synonym Full Names	dual specificity phosphatase 12
NCBI Official Symbol	DUSP12
NCBI Official Synonym Symbols	YVH1; DUSP1
NCBI Protein Information	dual specificity protein phosphatase 12; YVH1 protein-tyrosine phosphatase ortholog; dual specificity tyrosine phosphatase YVH1; serine/threonine specific protein phosphatase
UniProt Protein Name	Dual specificity protein phosphatase 12
UniProt Gene Name	DUSP12
UniProt Entry Name	DUS12_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.