

Rabbit anti-Human DUSP12 Polyclonal Antibody | anti-DUSP12 antibody

Rabbit anti-DUSP12 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213337	Rabbit	Human	Immunoprecipitation, Western Blot

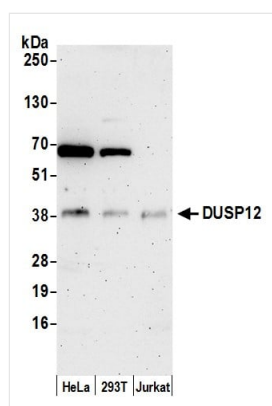
PRODUCT SYNONYMS

DUSP12; Polyclonal Antibody; Rabbit anti-DUSP12 Antibody; Affinity Purified; serine/threonine specific protein phosphatase; YVH1; YVH1 protein-tyrosine phosphatase ortholog; dual specificity protein phosphatase 12; dual specificity tyrosine phosphatase YVH1; DUSP1; Dual specificity protein phosphatase 12; dual specificity phosphatase 12; anti-DUSP12 antibody

PRODUCT SPECIFICATIONS

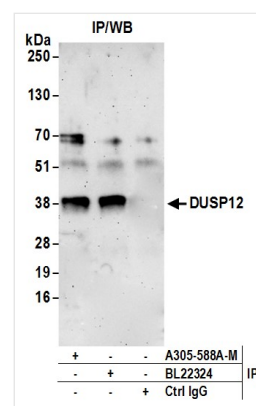
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DUSP12 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human DUSP12 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DUSP12 antibody (AAA213337 lot 1) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human DUSP12 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DUSP12 antibody (AAA213337 lot 1) used for IP at 2 ug per reaction. DUSP12 was also immunoprecipitated by rabbit anti-DUSP12 antibody BL22324. For blotting immunoprecipitated DUSP12, AAA213337 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP12 antibody	Dual specificity protein phosphatase 12 (DUSP12) 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. DUSP12 is the human ortholog of the <i>Saccharomyces cerevisiae</i> 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 [taken from NCBI Entrez Gene (Gene ID: 11266)].
Product Categories/Family for anti-DUSP12 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005956
NCBI GeneID	11266
NCBI Accession #	NP_009171.1
NCBI GenBank Nucleotide #	NM_007240.1
UniProt Accession #	Q9UNI6; Q5VXA8
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; OTTHUMP00000032494; 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dusp12-antibody-immunoprecipitation-western-blot-elisa/213337>