

Rabbit DUSP4 Polyclonal Antibody | anti-DUSP4 antibody

DUSP4 Polyclonal Antibody

CATALOG # AAA168747	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	--	--

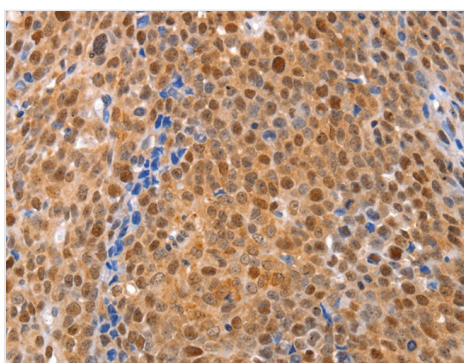
PRODUCT SYNONYMS

DUSP4; Polyclonal Antibody; DUSP4 Polyclonal Antibody; TYP; HVH2; MKP2; MKP-2; anti-DUSP4 antibody

PRODUCT SPECIFICATIONS

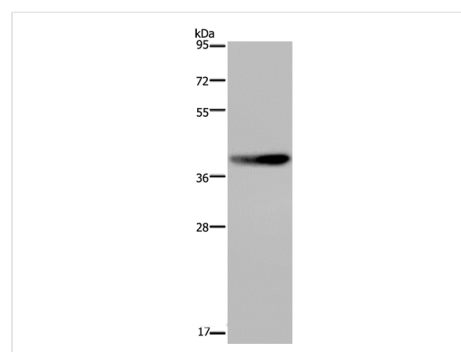
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	303
Applicable Applications for anti-DUSP4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human DUSP4
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 ovarian cancer using DUSP4 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of RAW264.7 cell using DUSP4 Polyclonal Antibody at dilution of 1:600

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP4 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 are 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 ERK1, ERK2 and JNK, is expressed in a variety of tissues, and is localized in the nucleus. Two alternatively spliced transcript variants, encoding distinct isoforms, have been observed for this gene. In addition, multiple polyadenylation sites have been reported.
Product Categories/Family for anti-DUSP4 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	16950652
NCBI GeneID	1846
NCBI Accession #	NP_476499.1
NCBI GenBank Nucleotide #	NM_057158.3
Molecular Weight	32,993 Da
NCBI Official Full Name	dual specificity protein phosphatase 4 isoform 2
NCBI Official Synonym Full Names	dual specificity phosphatase 4
NCBI Official Symbol	DUSP4
NCBI Official Synonym Symbols	TYP; HVH2; MKP2; MKP-2
NCBI Protein Information	dual specificity protein phosphatase 4; MAP kinase phosphatase 2; VH1 homologous phosphatase 2; dual specificity protein phosphatase hVH2; mitogen-activated protein kinase phosphatase 2; serine/threonine specific protein phosphatase
UniProt Protein Name	Dual specificity protein phosphatase 4
UniProt Gene Name	DUSP4
UniProt Synonym Gene Names	MKP2; VH2; MAP kinase phosphatase 2; MKP-2
UniProt Entry Name	DUS4_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/dusp4-antibody-immunohistochemistry-western-blot-elisa/168747>