

Rabbit anti-Human, Mouse DUSP4 Polyclonal Antibody | anti-DUSP4 antibody

DUSP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301822	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

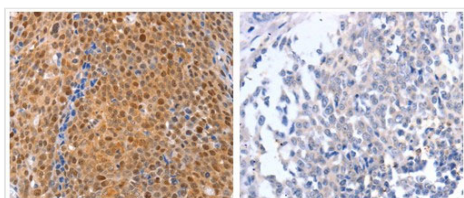
PRODUCT SYNONYMS

DUSP4; Polyclonal Antibody; DUSP4 Antibody; dual specificity phosphatase 4; TYP; HVH2; MKP2; MKP-2; anti-DUSP4 antibody

PRODUCT SPECIFICATIONS

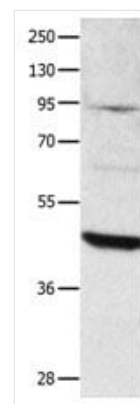
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total DUSP4 protein.
Form/Format	Supplied at 1.2mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	1840
Applicable Applications for anti-DUSP4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 197-394 amino acids of human dual specificity phosphatase 4
Target Name	DUSP4
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 31070(DUSP4 Antibody) at dilution 1/30, on the right is treated with the fusion protein.



Application Data

Gel: 10%SDS-PAGE Lysate: 30 ug RAW264.7 cell lysate Primary antibody: 1/600 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	33877002
NCBI GeneID	1846
Molecular Weight	32,993 Da
NCBI Official Full Name	Homo sapiens dual specificity phosphatase 4, mRNA
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
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.