

Rabbit anti-Human, Mouse DUSP3 Polyclonal Antibody | anti-DUSP3 antibody

DUSP3 Antibody

CATALOG # AAA327428	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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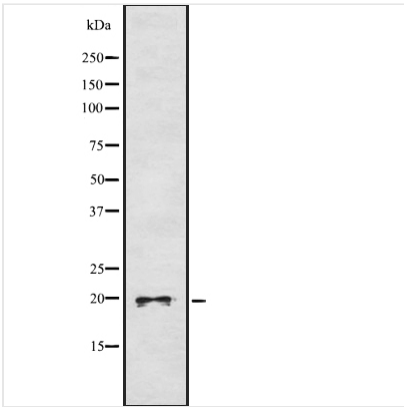
PRODUCT SYNONYMS

DUSP3; Polyclonal Antibody; DUSP3 Antibody; Dual specificity phosphatase 3; Dual specificity protein phosphatase 3; Dual specificity protein phosphatase VHR; DUS3_HUMAN; Serine/threonine specific protein phosphatase; Vaccinia H1-related phosphatase; Vaccinia virus phosphatase VH1 related; VHR; anti-DUSP3 antibody

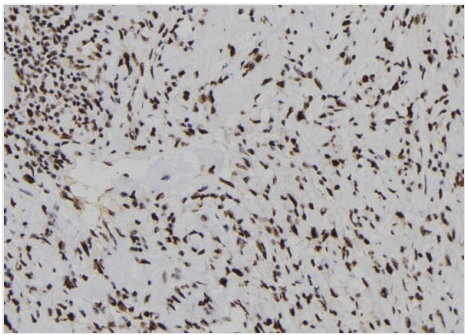
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	DUSP3 antibody detects endogenous levels of total DUSP3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	185
Applicable Applications for anti-DUSP3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DUSP3
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of DUSP3 using MCF7 whole cell lysates



IHC (Immunohistochemistry)
AAA327428 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP3 antibody	Function: Shows activity both for tyrosine-protein phosphate and serine-protein phosphate, but displays a strong preference toward phosphotyrosines. Specifically dephosphorylates and inactivates ERK1 and ERK2. Subunit Structure: Interacts with VRK3, which seems to activate it's phosphatase activity. Similarity: Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758208
NCBI GeneID	1845
NCBI Accession #	NP_004081.1
NCBI GenBank Nucleotide #	NM_004090.3
UniProt Accession #	P51452; Q5U0J1; Q8IYJ9; D3DX45
Molecular Weight	Observed: 20 kDa Predicted: 21 kDa
NCBI Official Full Name	dual specificity protein phosphatase 3
NCBI Official Synonym Full Names	dual specificity phosphatase 3
NCBI Official Symbol	DUSP3
NCBI Official Synonym Symbols	VHR
NCBI Protein Information	dual specificity protein phosphatase 3
UniProt Protein Name	Dual specificity protein phosphatase 3
UniProt Gene Name	DUSP3
UniProt Synonym Gene Names	VHR; VHR

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.