

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

DUSP3 Antibody (C-term)

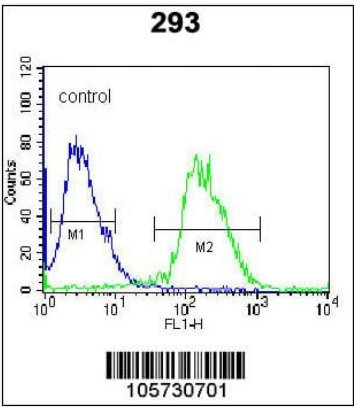
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284676	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

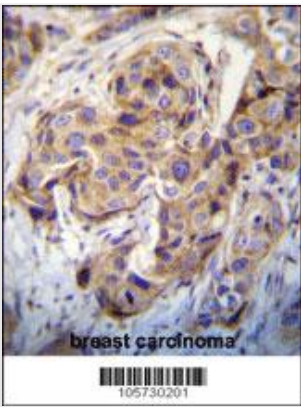
DUSP3; Polyclonal Antibody; DUSP3 Antibody (C-term); Dual specificity protein phosphatase 3; Dual specificity protein phosphatase VHR; Vaccinia H1-related phosphatase; VHR; anti-DUSP3 antibody

PRODUCT SPECIFICATIONS

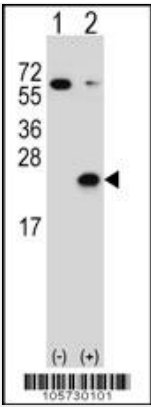
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DUSP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 157-185 amino acids from the C-terminal region of human DUSP3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	157-185
Sequence Length	185
Applicable Applications for anti-DUSP3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
DUSP3 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
DUSP3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DUSP3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DUSP3 (arrow) using rabbit polyclonal DUSP3 Antibody (C171). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DUSP3 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP3 antibody	DUSP3 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. The gene for this protein maps in a region that contains the BRCA1 locus which confers susceptibility to breast and ovarian cancer.
Product Categories/Family for anti-DUSP3 antibody	Cancer; Metabolism; Signal Transduction
References	Alonso, A., et al., Nat. Immunol. 4(1):44-48 (2003). Alonso, A., et al., J. Biol. Chem. 276(7):4766-4771 (2001). Todd, J.L., et al., J. Biol. Chem. 274(19):13271-13280 (1999). Kamb, A., et al., Genomics 23(1):163-167 (1994). Folander, K., et al., Genomics 23(1):295-296 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758208
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NCBI GeneID	1845
NCBI Accession #	NP_004081.1
NCBI GenBank Nucleotide #	NM_004090.3
UniProt Accession #	P51452; Q5U0J1; Q8IYJ9; D3DX45
Molecular Weight	20478
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
UniProt Entry Name	DUS3_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://stage.aaabiotech.com/polyclonal/dusp3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284676>