

Rabbit anti-Human, mouse DUSP2 Polyclonal Antibody | anti-DUSP2 antibody

DUSP2 Antibody (C-term)

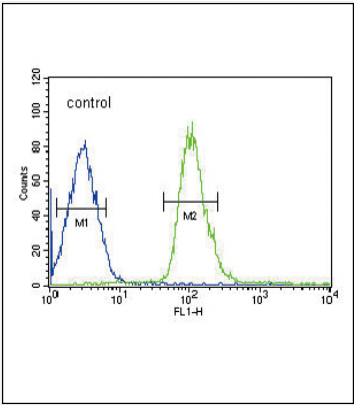
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287329	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

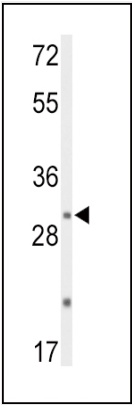
DUSP2; Polyclonal Antibody; DUSP2 Antibody (C-term); Dual specificity protein phosphatase 2; Dual specificity protein phosphatase PAC-1; PAC1; anti-DUSP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DUSP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 262-290 amino acids from the C-terminal region of human DUSP2.
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	262-290
Sequence Length	314
Applicable Applications for anti-DUSP2 antibody	FCM/FACS (Flow Cytometry), 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)
DUSP2 Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of DUSP2 Antibody (C-term) in mouse liver tissue lysates (35ug/lane). DUSP2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP2 antibody	DUSP2 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.
Product Categories/Family for anti-DUSP2 antibody	Cell Biology; Metabolism; Signal transduction
References	Caunt,C.J., et.al., J. Biol. Chem. 283 (10), 6241-6252 (2008) Baranyai,R., et.al., Neuropsychobiology 57 (3), 146-150 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758206
NCBI GeneID	1844
NCBI Accession #	NP_004409.1
NCBI GenBank Nucleotide #	NM_004418.3
UniProt Accession #	Q05923; Q53T45
Molecular Weight	34400
NCBI Official Full Name	dual specificity protein phosphatase 2
NCBI Official Synonym Full Names	dual specificity phosphatase 2
NCBI Official Symbol	DUSP2
NCBI Official Synonym Symbols	PAC1; PAC-1
NCBI Protein Information	dual specificity protein phosphatase 2
UniProt Protein Name	Dual specificity protein phosphatase 2
UniProt Gene Name	DUSP2
UniProt Synonym Gene Names	PAC1

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/dusp2-antibody-flow-cytometry-western-blot-elisa/287329>