

Rabbit anti-Human DUSP9 Polyclonal Antibody | anti-DUSP9 antibody

DUSP9 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288203	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

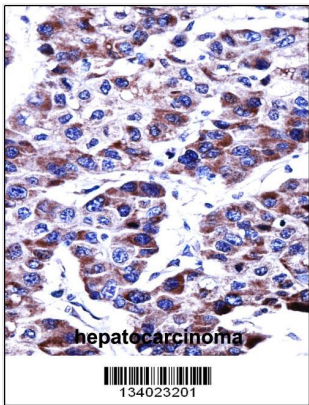
PRODUCT SYNONYMS

DUSP9; Polyclonal Antibody; DUSP9 Antibody (C-term); Dual specificity protein phosphatase 9; Mitogen-activated protein kinase phosphatase 4; MAP kinase phosphatase 4; MKP-4; MKP4; anti-DUSP9 antibody

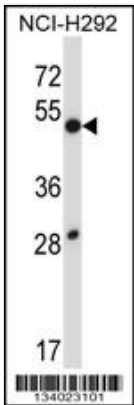
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DUSP9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 300-329 amino acids from the C-terminal region of human DUSP9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	300-329
Sequence Length	384
Applicable Applications for anti-DUSP9 antibody	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.

IMAGES



IHC (Immunohiostchemistry)
DUSP9 Antibody (C-term) (AAA288203)immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DUSP9 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
DUSP9 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the DUSP9 antibody detected the DUSP9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP9 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 is 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 shows selectivity for members of the ERK family of MAP kinases, is expressed only in placenta, kidney, and fetal liver, and is localized to the cytoplasm and nucleus. [provided by RefSeq].
Product Categories/Family for anti-DUSP9 antibody	Signal Transduction
References	Voight, B.F., et al. Nat. Genet. 42(7):579-589(2010) Liu, Y., et al. Cancer Res. 67(22):10711-10719(2007) Ross, M.T., et al. Nature 434(7031):325-337(2005) Muda, M., et al. J. Biol. Chem. 272(8):5141-5151(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503421
NCBI GeneID	1852
NCBI Accession #	NP_001386.1
NCBI GenBank Nucleotide #	NM_001395.3
UniProt Accession #	Q99956; D3DWU5
Molecular Weight	41868
NCBI Official Full Name	dual specificity protein phosphatase 9
NCBI Official Synonym Full Names	dual specificity phosphatase 9

NCBI Official Symbol	DUSP9
NCBI Official Synonym Symbols	MKP4; MKP-4
NCBI Protein Information	dual specificity protein phosphatase 9
UniProt Protein Name	Dual specificity protein phosphatase 9
UniProt Gene Name	DUSP9
UniProt Synonym Gene Names	MKP4; MAP kinase phosphatase 4; MKP-4
UniProt Entry Name	DUS9_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/dusp9-antibody-immunohistochemistry-western-blot-elisa/288203>