

Rabbit DUSP7 Polyclonal Antibody | anti-DUSP7 antibody

DUSP7 Antibody (N-term)

CATALOG # AAA288821	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

DUSP7; Polyclonal Antibody; DUSP7 Antibody (N-term); Dual specificity protein phosphatase 7; Dual specificity protein phosphatase PYST2; PYST2; anti-DUSP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DUSP7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-127 amino acids from the N-terminal region of human DUSP7.
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	96-127
Sequence Length	419
Applicable Applications for anti-DUSP7 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 (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Western blot analysis of DUSP7 (arrow) using DUSP7 Antibody (N-term) (RB05816). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the DUSP7 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP7 antibody	DUSP7 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-DUSP7 antibody	Cell Biology
References	Immunol. Lett. 92 (1-2), 149-156 (2004) Oncogene 22 (48), 7649-7660 (2003) Meth. Enzymol. 366, 103-113 (2003) J. Cell. Sci. 111 (PT 22), 3389-3399 (1998) EMBO J. 15 (14), 3621-3632 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	238231453
NCBI GeneID	1849
NCBI Accession #	NP_001938.2
NCBI GenBank Nucleotide #	NM_001947.3
UniProt Accession #	Q16829; Q2M3J7; Q8NFJ0
Molecular Weight	44957
NCBI Official Full Name	dual specificity protein phosphatase 7
NCBI Official Synonym Full Names	dual specificity phosphatase 7
NCBI Official Symbol	DUSP7
NCBI Official Synonym Symbols	MKPX; PYST2
NCBI Protein Information	dual specificity protein phosphatase 7
UniProt Protein Name	Dual specificity protein phosphatase 7
UniProt Gene Name	DUSP7
UniProt Synonym Gene Names	PYST2
UniProt Entry Name	DUS7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dusp7-antibody-immunohistochemistry-western-blot-elisa/288821>