

Rabbit DUSP16 Polyclonal Antibody | anti-DUSP16 antibody

Anti-DUSP16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104923	Rabbit	Human, Rat, Monkey	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DUSP16; Polyclonal Antibody; Anti-DUSP16 Antibody; KIAA1700; MKP7; Dual specificity protein phosphatase 16; Mitogen-activated protein kinase phosphatase 7; MAP kinase phosphatase 7; MKP-7; anti-DUSP16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of DUSP16 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	665
Applicable Applications for anti-DUSP16 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human DUSP16. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



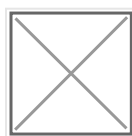
IF (Immunofluorescence)

Immunofluorescent analysis of DUSP16 staining in COLO205 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of DUSP16 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of DUSP16 expression in HepG2 (A), COLO205 (B), HEK293T (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP16 antibody	Rabbit polyclonal antibody to DUSP16
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38372911
NCBI GeneID	80824
NCBI Accession #	NP_085143.1
NCBI GenBank Nucleotide #	NM_030640.2
UniProt Accession #	Q9BY84; Q547C7; Q96QS2; Q9C0G3
Molecular Weight	16,078 Da
NCBI Official Full Name	dual specificity protein phosphatase 16
NCBI Official Synonym Full Names	dual specificity phosphatase 16
NCBI Official Symbol	DUSP16
NCBI Official Synonym Symbols	MKP7; MKP-7
NCBI Protein Information	dual specificity protein phosphatase 16; MAPK phosphatase-7; MAP kinase phosphatase 7; mitogen-activated protein kinase phosphatase 7
UniProt Protein Name	Dual specificity protein phosphatase 16
UniProt Gene Name	DUSP16
UniProt Synonym Gene Names	KIAA1700; MKP7; MAP kinase phosphatase 7; MKP-7
UniProt Entry Name	DUS16_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/dusp16-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104923>