

Rabbit DUSP10 Polyclonal Antibody | anti-DUSP10 antibody

DUSP10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325332	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

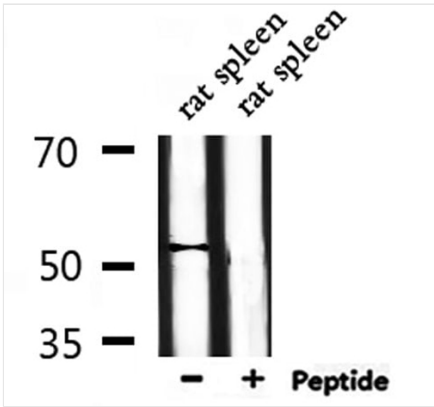
PRODUCT SYNONYMS

DUSP10; Polyclonal Antibody; DUSP10 Antibody; Dual specificity phosphatase 10; Dual specificity phosphatase MKP 5; Dual specificity phosphatase MKP5; Dual specificity protein phosphatase 10; DUS10_HUMAN; DUSP 10; DUSP10 protein; MAP kinase phosphatase 5; Mitogen activated protein kinase phosphatase 5; Mitogen-activated protein kinase phosphatase 5; MKP 5; MKP-5; MKP5; Serine/threonine specific protein phosphatase; anti-DUSP10 antibody

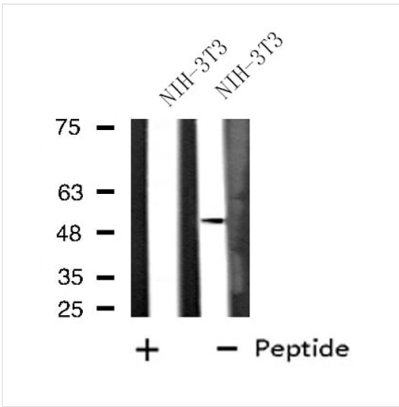
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DUSP10 antibody detects endogenous levels of total DUSP10
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	482
Applicable Applications for anti-DUSP10 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Nucleus.
Tissue Specificity	Detected in brain.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

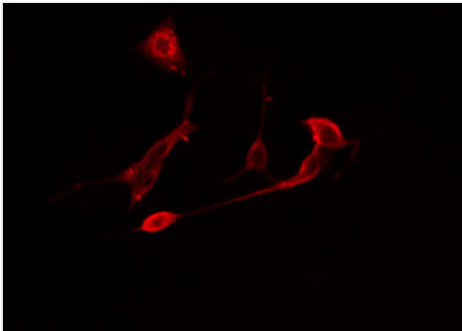
IMAGES



WB (Western Blot)
Western blot analysis of extracts from rat spleen, using DUSP10 Antibody.



WB (Western Blot)
Western blot analysis of extracts from NIH-3T3 cells, using DUSP10 antibody.



IF (Immunofluorescence)
AAA325332 staining NIH-3T3 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP10 antibody	Function: Protein phosphatase involved in the inactivation of MAP kinases. Has a specificity for the MAPK11/MAPK12/MAPK13/MAPK14 subfamily. It preferably dephosphorylates p38. Subunit Structure: Monomer. Interacts with MAPK14. Similarity: Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005812
NCBI GeneID	11221
NCBI Accession #	NP_009138.1
NCBI GenBank Nucleotide #	NM_007207.5
UniProt Accession #	Q9Y6W6; Q6GSI4; Q9H9Z5; D3DTB4
Molecular Weight	Observed: 52 kD Predicted: 53 kDa
NCBI Official Full Name	dual specificity protein phosphatase 10
NCBI Official Synonym Full Names	dual specificity phosphatase 10
NCBI Official Symbol	DUSP10

NCBI Official Synonym Symbols	MKP5; MKP-5
NCBI Protein Information	dual specificity protein phosphatase 10
UniProt Protein Name	Dual specificity protein phosphatase 10
UniProt Gene Name	DUSP10
UniProt Synonym Gene Names	MKP5; MAP kinase phosphatase 5; MKP-5

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/dusp10-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325332>