

Rabbit anti-Human DUSP19 Polyclonal Antibody | anti-DUSP19 antibody

DUSP19 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324065	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

DUSP19; Polyclonal Antibody; DUSP19 Antibody; Dual specificity phosphatase 19; Dual specificity phosphatase TS DSP1; Dual specificity phosphatase TS-DSP1; Dual specificity protein phosphatase 19; DUS19_HUMAN; DUSP 17; DUSP 19; DUSP17; Dusp19; LMW DSP3; LMW-DSP3; LMWDSP 3; LMWDSP3; Low molecular weight dual specificity phosphatase 3; MGC138210; Protein phosphatase SKRP1; SAPK pathway regulating phosphatase 1; SAPK pathway-regulating phosphatase 1; SKRP 1; SKRP1; Stress activated protein kinase pathway regulating phosphatase 1; Stress-activated protein kinase pathway-regulating phosphatase 1; TS DSP1; anti-DUSP19 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	DUSP19 antibody detects endogenous levels of total DUSP19
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	166
Applicable Applications for anti-DUSP19 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Expressed in the heart, lung, liver, and pancreas. The expression level in the pancreas is the highest.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit, Dog
Similarity	Bovine (91%), Sheep (82%), Rabbit (91%), Dog (82%)
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 COS-7 cells, using DUSP19 antibody.



IF (Immunofluorescence)
AAA324065 staining Hela 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) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP19 antibody	Function: Has a dual specificity toward Ser/Thr and Tyr-containing proteins. Similarity: Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	214832050
NCBI GeneID	142679
NCBI Accession #	NP_001135786.1
NCBI GenBank Nucleotide #	NM_001142314.1
UniProt Accession #	Q8WTR2; Q547H4; Q8WYN4; B2RA79
Molecular Weight	Observed: 28 kD Predicted: 25 kDa
NCBI Official Full Name	dual specificity protein phosphatase 19 isoform 2
NCBI Official Synonym Full Names	dual specificity phosphatase 19
NCBI Official Symbol	DUSP19
NCBI Official Synonym Symbols	SKRP1; DUSP17; LMWDSP3; TS-DSP1
NCBI Protein Information	dual specificity protein phosphatase 19
UniProt Protein Name	Dual specificity protein phosphatase 19
UniProt Gene Name	DUSP19
UniProt Synonym Gene Names	DUSP17; LMWDSP3; SKRP1; LMW-DSP3; SAPK pathway-regulating phosphatase 1

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.