

DUSP21 Rabbit pAb

Catalog # AP99035

Product Information

Application	IHC-P, IHC-F, IF
Reactivity	Rat
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse DUSP21
Epitope Specificity	41-140/190
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily. Contains 1 tyrosine-protein phosphatase domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the dual specificity phosphatase family, specifically the low molecular weight dual specificity phosphatase family. The encoded protein localizes to both the cytoplasm and the nucleus and functions to remove phosphate groups from phosphotyrosine and phosphothreonine residues.[provided by RefSeq, Mar 2009]

Additional Information

Other Names	LMWDSP21; DUS21_HUMAN; DUSP21; Low molecular weight dual specificity phosphatase 21 (LMW-DSP21); 3.1.3.16; 3.1.3.48; dual specificity phosphatase 21
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	DUSP21 Rabbit pAb
Function	Can dephosphorylate single and diphosphorylated synthetic MAPK peptides, with preference for the phosphotyrosine and diphosphorylated forms over phosphothreonine.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.