

DUSP23 Rabbit pAb

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Catalog # AP55583

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BVJ7
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16588
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DUSP23
Epitope Specificity	81-150/150
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm; cytosol. Nucleus. Mainly cytosolic. Also nuclear.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Protein phosphatase that mediates dephosphorylation of proteins phosphorylated on Tyr and Ser/Thr residues. In vitro, it can dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10) in vitro. Able to enhance activation of JNK and p38 (MAPK14).

Additional Information

Gene ID	54935
Other Names	Dual specificity protein phosphatase 23, 3.1.3.16, 3.1.3.48, Low molecular mass dual specificity phosphatase 3, LDP-3, VH1-like phosphatase Z, DUSP23, LDP3, VHZ
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

Protein Information

Name	DUSP23
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Synonyms	LDP3, VHZ
Function	Protein phosphatase that mediates dephosphorylation of proteins phosphorylated on Tyr and Ser/Thr residues. In vitro, it can dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10) in vitro. Able to enhance activation of JNK and p38 (MAPK14).
Cellular Location	Cytoplasm, cytosol. Nucleus. Note=Mainly cytosolic. Also nuclear
Tissue Location	Widely expressed. Highly expressed in spleen, prostate, colon, adrenal gland, mammary gland, thyroid and trachea Expressed at lower level in uterus, small intestine, bladder, bone marrow, brain, spinal cord and stomach.

Background

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