Rabbit anti-Rat R MKP3 Polyclonal Antibody | anti-Dusp6 antibody

R MKP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290116	**Rabbit**	**Rat**	**Flow Cytometry, Functional Assay, ELISA, Western Blot**

PRODUCT SYNONYMS

R MKP3; Polyclonal Antibody; R MKP3 Antibody; Dual specificity protein phosphatase 6; Mitogen-activated protein kinase phosphatase 3; MAP kinase phosphatase 3; MKP-3; Dusp6; Mkp3; anti-Dusp6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Rat MKP3 antibody is generated from rabbits immunized with a 6xHIS-tagged recombinant protein encoding aa 1~381 of rat MKP3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Length	381
Applicable Applications for anti-Dusp6 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	RAT
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
Rat MKP3 Antibody flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

WB (Western Blot)
Western blot analysis of MKP3 (arrow) using rabbit polyclonal MKP3-His6 Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MKP3 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-Dusp6 antibody	Dual specificity protein tyrosine phosphatases (dsPTPs) are a subfamily of protein tyrosine phosphatases implicated in the regulation of mitogen-activated protein kinase (MAPK). MKP-1 (also known as CL100, 3CH134, Erp, and hVH-1) exemplifies a class of dual-specificity phosphatase able to reverse the activation of MAP kinases by dephosphorylating critical tyrosine and threonine residues. MKP-3 is 36% identical to MKP-1 and it blocks both the phosphorylation and enzymatic activation of ERK2 by mitogens. MKP-3 mRNA is expressed in lung, heart, brain, and kidney, but not significantly in skeletal muscle or testis
Product Categories/Family for anti-Dusp6 antibody	Neuroscience
References	Muda,M., et al. J. Biol. Chem. 271 (8), 4319-4326 (1996) Mourey,R.J., et al. J. Biol. Chem. 271 (7), 3795-3802 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758752
NCBI GeneID	116663
NCBI Accession #	NP_446335.1
NCBI GenBank Nucleotide #	NM_053883.2
UniProt Accession #	Q64346
Molecular Weight	42319
NCBI Official Full Name	dual specificity protein phosphatase 6
NCBI Official Synonym Full Names	dual specificity phosphatase 6
NCBI Official Symbol	Dusp6
NCBI Official Synonym Symbols	Mkp3
NCBI Protein Information	dual specificity protein phosphatase 6
UniProt Protein Name	Dual specificity protein phosphatase 6
UniProt Gene Name	**Dusp6**
UniProt Synonym Gene Names	Mkp3; MAP kinase phosphatase 3; MKP-3
UniProt Entry Name	DUS6_RAT

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/r-mkp3-antibody-flow-cytometry-western-blot-elisa/290116