Datasheet for ABIN6943138

anti-DUSP26 antibody (AA 111-211)

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Overview

Quantity:	100 µL
Target:	DUSP26
Binding Specificity:	AA 111-211
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP26 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DUSP26
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DUSP26

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Target Details

Alternative Name:	DUSP26 (DUSP26 Products)
Background:	Synonyms: DSP-4, Dual specificity phosphatase 26 (putative), Dual specificity phosphatase 26, Dual specificity phosphatase SKRP3, Dual specificity protein phosphatase 26, DUS26_HUMAN, DUSP24, DUSP26, Hypothetical protein FLJ31142, LDP 4, LDP-4, Low molecular mass dual specificity phosphatase 4, Low-molecular-mass dual-specificity phosphatase 4, MAP kinase phosphatase 8, MGC1136, MGC2627, Mitogen activated protein kinase phosphatase 8, Mitogen-activated protein kinase phosphatase 8, MKP-8, MKP8, NATA1, NATA1 protein, Novel amplified gene in thyroid anaplastic cancer, SKRP3. Background: Mitogen-activated protein (MAP) kinases are a large class of proteins involved in signal transduction pathways, which are activated by a range of stimuli and mediate a number of physiological and pathological changes in the cell. Dual specificity phosphatases (DUSPs) are a subclass of the protein tyrosine phosphatase (PTP) gene superfamily, which are selective for dephosphorylating critical phosphothreonine and phosphotyrosine residues within MAP kinases. DUSP gene expression is induced by a host of growth factors and/or cellular stresses, thereby negatively regulating MAP kinase superfamily members including MAPK/ERK, SAPK/JNK and p38. DUSP26, also designated LDP4, MKP8, NATA1 and SKRP3, is ubiquitously expressed in brain except in the hippocampus. DUSP26 dephosphorylates p38 thereby inhibiting p38-mediated apoptosis in anaplastic thyroid cancer cells. Downregulation of DUSP26 may also contribute to malignant phenotypes of glioma.
Gene ID:	78986
UniProt:	Q9BV47

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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