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Datasheet for ABIN894581

anti-DUSP26 antibody (AA 144-211) (Biotin)

Overview

Quantity:	100 µL
Target:	DUSP26
Binding Specificity:	AA 144-211
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP26 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DUSP26/MKP8
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DUSP26
Alternative Name:	DUSP26 (DUSP26 Products)

Target Details

Background:	<p>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.</p> <p>Background: Inactivates MAPK1 and MAPK3 which leads to dephosphorylation of heat shock factor protein 4 and a reduction in its DNA-binding activity. Inhibits MAP kinase p38 by dephosphorylating it and inhibits p38-mediated apoptosis in anaplastic thyroid cancer cells. Can also induce activation of MAP kinase p38 and c-Jun N-terminal kinase (JNK). Tissue specificity: Brain. In the brain it is expressed ubiquitously except in the hippocampus. Expressed in embryonal cancers (retinoblastoma, neuroepithelioma and neuroblastoma) and in anaplastic thyroid cancer.</p>
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months