Datasheet for ABIN894527

anti-DUSP13 antibody (AA 81-198) (Biotin)

Go to Product page

Overview

Quantity:	100 µL
Target:	DUSP13
Binding Specificity:	AA 81-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP13 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 DUSP13
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	DUSP13
Alternative Name:	DUSP13 (DUSP13 Products)
Background:	Synonyms: BEDP, Branching enzyme interacting dual specicity protein phosphatase, Dual

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Target Details

	specicity phosphatase 13, Dual specicity phosphatase SKRP4, DUSP13A, DUSP13B, FLJ32450, MDSP, Muscle restricted dual specicity phosphatase, SKRP4, Testis and skeletal muscle specic DSP, TMDP, DUS13_HUMAN. Background: Members of the protein-tyrosine phosphatase superfamilycooperate with protein kinases to regulate cell proliferation anddifferentiation. This superfamily is separated into two familiesbased on the substrate that is dephosphorylated. One family, thedual specificity phosphatases (DSPs) acts on both phosphotyrosineand phosphoserine/threonine residues. This gene encodes differentbut related DSP proteins through the use of non-overlapping openreading frames, alternate splicing, and presumed differenttranscription promoters. Expression of the distinct proteins fromthis gene has been found to be tissue specific and the proteins maybe involved in postnatal development of specific tissues. A proteinencoded by the upstream ORF was found in skeletal muscle, whereasthe encoded protein from the downstream ORF was found only intestis. In mouse, a similar pattern of expression was found.Multiple alternatively spliced transcript variants were described,but the full-length sequence of only some were determined.[provided by RefSeq, Jul 2008].
Gene ID:	51207
UniProt:	Q9UII6

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.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

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