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Datasheet for ABIN894533

anti-DUSP13 antibody (AA 81-198) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	DUSP13
Binding Specificity:	AA 81-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP13 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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 specificity protein phosphatase, Dual

Target Details

specificity phosphatase 13, Dual specificity phosphatase SKRP4, DUSP13A, DUSP13B, FLJ32450, MDSP, Muscle restricted dual specificity phosphatase, SKRP4, Testis and skeletal muscle specific DSP, TMDP, DUS13_HUMAN.

Background: Members of the protein-tyrosine phosphatase superfamily cooperate with protein kinases to regulate cell proliferation and differentiation. This superfamily is separated into two families based on the substrate that is dephosphorylated. One family, the dual specificity phosphatases (DSPs) acts on both phosphotyrosine and phosphoserine/threonine residues. This gene encodes different but related DSP proteins through the use of non-overlapping open reading frames, alternate splicing, and presumed different transcription promoters. Expression of the distinct proteins from this gene has been found to be tissue specific and the proteins may be involved in postnatal development of specific tissues. A protein encoded by the upstream ORF was found in skeletal muscle, whereas the encoded protein from the downstream ORF was found only in testis. 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: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months