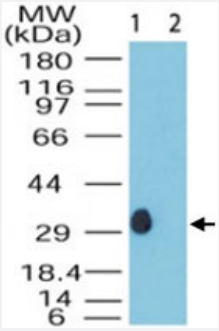
DUSP13 polyclonal antibody

Catalog # PAB0294 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of DUSP13 in human skeletal muscle lysate in the 1) absence and 2) presence of immunizing peptide. Using DUSP13 polyclonal antibody (Cat # PAB0294) at 0.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant DUSP13.
Immunogen	Recombinant protein corresponding to amino acids 150-200 of human DUSP13.
Host	Rabbit
Reactivity	Bovine, Chimpanzee, Dog, Human, Monkey
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% gelatin, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

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Gene Info — DUSP13

Entrez GeneID	51207
Gene Name	DUSP13
Gene Alias	BEDP, DUSP13A, DUSP13B, FLJ32450, MDSP, SKRP4, TMDP
Gene Description	dual specificity phosphatase 13
Gene Ontology	Hyperlink
Gene Summary	Members of the protein-tyrosine phosphatase superfamily cooperate with protein kinases to regul ate cell proliferation and differentiation. This superfamily is separated into two families based on t he 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 o f 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 patter n of expression was found. Multiple alternatively spliced transcript variants were described, but th e full-length sequence of only some were determined. [provided by RefSeq
Other Designations	OTTHUMP00000019875|OTTHUMP00000060197|branching-enzyme interacting dual-specificity protein phosphatase|dual-specificity phosphatase SKRP4|muscle-restricted dual specificity phos phatase

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease
- Kidney Failure

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