

DUSP13 Polyclonal Antibody

Catalog Number: E-AB-67758



Note: Centrifuge before opening to ensure complete recovery of vial contents.

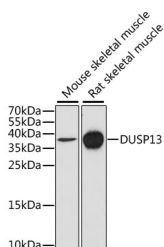
Description

Reactivity	Mouse, Rat
Immunogen	Recombinant fusion protein of human DUSP13 (NP_057448.3).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western blot analysis of extracts of various cell lines using DUSP13 Polyclonal Antibody at dilution of 1:1000.

Observed MW:36kDa

Calculated

Mw:6kDa/7kDa/9kDa/17kDa/20kDa/22kDa/27kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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