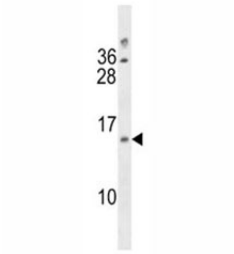
DUSP13 Antibody (F40047)

Catalog No.	Formulation	Size
F40047-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40047-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q6B8I1
Applications	Western blot: 1:1000
Limitations	This DUSP13 antibody is available for research use only.



DUSP13 antibody western blot analysis in A2058 lysate

Description

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.

Application Notes

Titration of the DUSP13 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 147-173 from the human protein was used as the immunogen for this DUSP13 antibody.

Storage

Aliquot the DUSP13 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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