

Datasheet for ABIN3030774
anti-DUSP13 antibody (AA 147-173)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	DUSP13
Binding Specificity:	AA 147-173
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP13 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A portion of amino acids 147-173 from the human protein was used as the immunogen for this DUSP13 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	DUSP13
Alternative Name:	DUSP13 (DUSP13 Products)
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

Target Details

(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.

UniProt: [Q6B8I1](#)

Application Details

Application Notes: Titration of the DUSP13 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

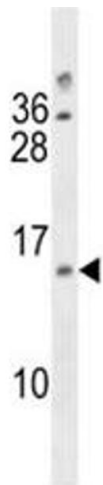
Storage: -20 °C

Storage Comment: Aliquot the DUSP13 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. DUSP13 antibody western blot analysis in A2058 lysate



Western Blotting

Image 2. DUSP13 antibody western blot analysis in A2058 lysate