

Datasheet for ABIN1536729
anti-DUSP13 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	DUSP13
Binding Specificity:	AA 147-173, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DUSP13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-173 amino acids from the C-terminal region of human DUSP13.
Clone:	RB38755
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DUSP13
Alternative Name:	DUSP13 (DUSP13 Products)
Background:	Members of the protein-tyrosine phosphatase superfamily cooperate with protein kinases to

Target Details

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.

Molecular Weight: 20658

Gene ID: 51207

NCBI Accession: [NP_001007272](#), [NP_001007273](#), [NP_001007274](#)

UniProt: [Q6B8I1](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

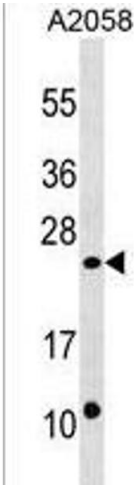
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: DUSP13 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. DUSP13 Antibody (C-term) (ABIN1536729 and ABIN2850516) western blot analysis in cell line lysates (35 μ g/lane). This demonstrates the DUSP13 antibody detected the DUSP13 protein (arrow).