

Datasheet for ABIN1881817  
**anti-SMAD6 antibody (C-Term)**[Go to Product page](#)

1 Image

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## Overview

Quantity:	400 µL
Target:	SMAD6
Binding Specificity:	AA 357-386, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD6 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This SMAD6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 357-386 amino acids from the C-terminal region of human SMAD6.
Clone:	RB41931
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	SMAD6
Alternative Name:	SMAD6 ( <a href="#">SMAD6 Products</a> )
Background:	The protein encoded by this gene belongs to the SMAD family of proteins, which are related to

## Target Details

Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	53497
NCBI Accession:	<a href="#">NP_001136333</a> , <a href="#">NP_005576</a>
UniProt:	<a href="#">O43541</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

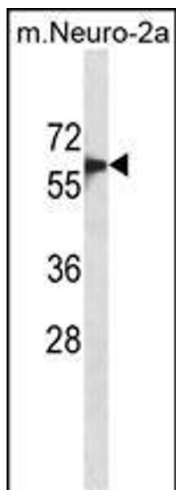
## Handling

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
Expiry Date:	6 months

## Publications

Product cited in:	Carrascal, Ovelleiro, Casas, Gay, Abian: "Phosphorylation analysis of primary human T lymphocytes using sequential IMAC and titanium oxide enrichment." in: <b>Journal of proteome research</b> , Vol. 7, Issue 12, pp. 5167-76, (2009) ( <a href="#">PubMed</a> ).
	Kouligh, Li, DeMartino: "Relative structural and functional roles of multiple deubiquitylating proteins associated with mammalian 26S proteasome." in: <b>Molecular biology of the cell</b> , Vol. 19, Issue 3, pp. 1072-82, (2008) ( <a href="#">PubMed</a> ).

Reuter, Medhurst, Waisfisz, Zhi, Herterich, Hoehn, Gross, Joenje, Hoatlin, Mathew, Huber: "Yeast two-hybrid screens imply involvement of Fanconi anemia proteins in transcription regulation, cell signaling, oxidative metabolism, and cellular transport." in: **Experimental cell research**, Vol. 289, Issue 2, pp. 211-21, (2003) ([PubMed](#)).



**Western Blotting**

**Image 1.** SD6 Antibody (C-term) (ABIN1881817 and ABIN2839043) western blot analysis in mouse Neuro-2a cell line lysates (35 µg/lane). This demonstrates the SD6 antibody detected the SD6 protein (arrow).