

Datasheet for ABIN651537  
**anti-SMAD6 antibody (AA 358-386)**



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1 Image

## Overview

Quantity:	400 µL
Target:	SMAD6
Binding Specificity:	AA 358-386
Reactivity:	Human
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 358-386 amino acids from the Central region of human SMAD6.
Clone:	RB26865
Isotype:	Ig Fraction
Predicted Reactivity:	M
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> )

## Target Details

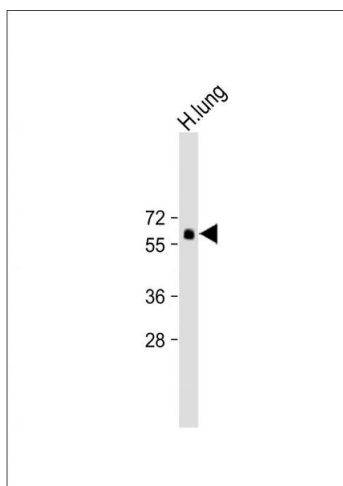
Background:	SMAD6 belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling.
Molecular Weight:	53497
Gene ID:	4091
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: 1:500
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Western Blotting

**Image 1.** Anti-SD6 Antibody (Center) at 1:500 dilution + H. lung whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.