

Datasheet for ABIN6566617
anti-SMAD6 antibody



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1 Image

Overview

Quantity:	200 µL
Target:	SMAD6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human SMAD6
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	SMAD6
Alternative Name:	SMAD6 (SMAD6 Products)
Background:	Synonyms: hSMAD6,MAD homolog 6,MADH6,MADH7,Mothers against decapentaplegic homolog 6,Mothers against DPP homolog 6,SMAD 6,SMAD family member 6,SMAD mothers against DPP homolog 6,Smad6,SMAD6 Background: The protein encoded by this gene belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD

Target Details

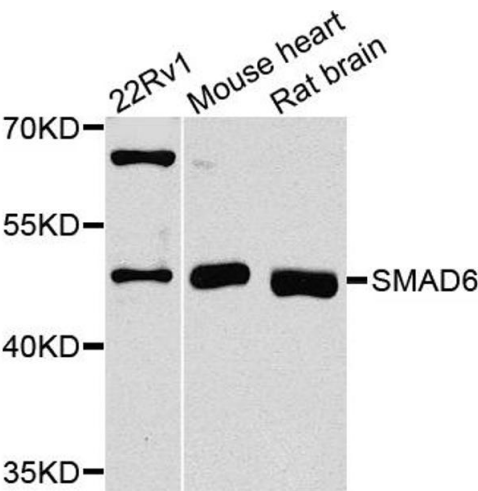
	proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcript variants have been found for this gene.
Molecular Weight:	Observed_MW: 48kDa Calculated_MW: 26kDa/35kDa/53kDa
Gene ID:	4091
UniProt:	O43541
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB 1:500 - 1:1000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SMAD6 antibody.