

Datasheet: VPA00295

Description:	RABBIT ANTI SMAD6
Specificity:	SMAD6
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 358-386 of human SMAD6
External Database Links	UniProt: O43541 Related reagents Entrez Gene: 4091 SMAD6 Related reagents
Synonyms	MADH6

Specificity **Rabbit anti Human SMAD6 antibody** recognizes SMAD6, also known as MAD homolog 6, SMAD and mothers against decapentaplegic homolog 6.

The protein encoded by the SMAD6 gene 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. Multiple transcript variants encoding different isoforms have been found for SMAD6 (provided by RefSeq, May 2009).

Rabbit anti SMAD6 antibody detects a band of 62 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti SMAD6 detects a band of approximately 62 kDa in Jurkat cell lysate
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: Antibody (10041): https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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