

Datasheet: VPA00234

Description:	RABBIT ANTI SMURF1
Specificity:	SMURF1
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
Product Form	Purified IgG - liquid
Preparation	Rabbit Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH conjugated synthetic peptide between 711-740 amino acids from the C-terminal region of human SMURF1
External Database Links	<p>UniProt: Q9HCE7 Related reagents</p> <p>Entrez Gene: 57154 SMURF1 Related reagents</p>
Synonyms	KIAA1625

Specificity **Rabbit anti Human SMURF1 antibody** recognizes the E3 ubiquitin-protein ligase SMURF1, also known as SMAD-specific E3 ubiquitin-protein ligase 1, Smad ubiquitination regulatory factor 1 and

hSMURF1.

The SMURF1 gene encodes a ubiquitin ligase that is specific for receptor-regulated SMAD proteins in the bone morphogenetic protein (BMP) pathway. This protein plays a key roll in the regulation of cell motility, cell signalling, and cell polarity. Alternative splicing results in multiple transcript variants encoding different isoforms (provided by RefSeq, Dec 2010).

Rabbit anti Human SMURF1 antibody detects a band of 81 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti SMURF1 detects a band of approximately 81 kDa in Ramos cell lysates
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 #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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