

Datasheet: AHP2522

Description:	RABBIT ANTI SMAD1
Specificity:	SMAD1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 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
Immunohistology - Paraffin	■			1/50 - 1/200
Western Blotting	■			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to SMAD1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative	0.02% Sodium Azide
Stabilisers	50% Glycerol
Immunogen	Recombinant human SMAD1
External Database Links	UniProt: Q15797 Related reagents Entrez Gene: 4086 SMAD1 Related reagents
Synonyms	BSP1, MADH1, MADR1

Specificity	Rabbit anti SMAD1 antibody recognizes SMAD1, also known as mothers against decapentaplegic homolog 1 and transforming growth factor-beta-signaling protein 1. SMAD1 is a transcription factor and belongs to the dwarfin/SMAD family and is activated by bone morphogenetic proteins (BMP) to modulate transcription.
Western Blotting	Rabbit anti SMAD1 antibody detects a band of approximately 52 kDa in cell lysates and tissue lysates under reducing conditions
Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
 Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
 Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
 Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
 Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
 Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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