![Bio-Rad logo]

Datasheet: VPA00589KT

Description:	SPINDLIN-1 ANTIBODY WITH CONTROL LYSATE
Specificity:	SPINDLIN-1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	2 Westerns

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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid.

Preparation

20µl Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN$_3$)
2% Sucrose.

Immunogen

Synthetic peptide directed towards the middle region of human spindlin-1

External Database Links	**UniProt:**
	[Q9Y657](#)　　　[Related reagents](#)
	Entrez Gene:
	[10927](#)　SPIN1　[Related reagents](#)
Synonyms	OCR, SPIN
Specificity	**Rabbit anti Human spindlin-1 antibody** recognizes spindlin-1, also known as ovarian cancer-related protein or SPIN1. Spindlin-1 is a 262 amino acid ~30 kDa nuclear protein that binds modified histone H4 and acts as an activator of the wnt signaling pathway ([Su et al. 2014](#)).
	Rabbit anti Human spindlin-1 antibody detects a band of 30 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti spindlin-1 detects a band of approximately 30 kDa in HeLa cell lysates.
Instructions For Use	Please refer to the [PrecisionAb western blotting protocol.](#)
Lysate Composition	400µg HeLa lysate lyophilized in RIPA buffer.
Lysate Reconstitution	- If using DDT reconstitute the lyophilized lysate with 190µl DI H_2O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H_2O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.
Storage	Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
	Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.
Guarantee	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 #10045 #10561 available at: Antibody (10045): https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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