

Datasheet: AHP1049

Description:	SHEEP ANTI 14-3-3 (pSer185)
Specificity:	14-3-3 (pSer185)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/100 - 1/300

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	Sheep
Species Cross Reactivity	<p>Reacts with: Human, Bovine, Mouse, Rat, Rabbit</p> <p>Based on sequence similarity, is expected to react with: Mammals</p> <p>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.</p>
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to Phosphorylated 14-3-3 were raised by repeated immunisations of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Synthetic peptide corresponding to 14-3-3 beta and zeta phosphorylated at serine 185. Peptide sequence: EILNSPEKAC
External Database Links	<p>UniProt:</p> <p>P29361 Related reagents</p> <p>O77642 Related reagents</p> <p>P68253 Related reagents</p> <p>P68251 Related reagents</p> <p>P62262 Related reagents</p> <p>Entrez Gene:</p> <p>443032 SFN Related reagents</p> <p>443300 LOC443300 Related reagents</p>
RRID	AB_808326
Specificity	Sheep anti 14-3-3 (pSer185) antibody recognizes 14-3-3 isoforms beta and zeta when phosphorylated at serine 185. The members of the 14-3-3 family of proteins are highly conserved and are involved in multiple signalling pathways. The phosphorylated forms of beta and zeta 14-3-3 are found endogenously in brain tissue.
Western Blotting	AHP1049 detects a band of approximately 30 kDa
Further Reading	1. Aitken, A. <i>et al.</i> (1995) 14-3-3 alpha and delta are the phosphorylated forms of raf-activating 14-3-3 beta and zeta. <i>In vivo</i> stoichiometric phosphorylation in brain at a Ser-Pro-Glu-Lys MOTIF. J Biol Chem. 270 (11): 5706-9.
Storage	Store at +4°C or at -20°C if preferred. 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.
Guarantee	18 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10266 available at: 10266: https://www.bio-rad-antibodies.com/uploads/MSDS/10266.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [HRP](#)

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