

Datasheet: AHP1053

Description:	RABBIT ANTI 14-3-3
Specificity:	14-3-3
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

Product Details

RRID AB_2218099

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	▪			1/2000

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 Sheep

Species Cross Reactivity Reacts with: Human, Bovine, Rat, Mouse, Amphibia, Chicken, Fungal, Plants, Reptile
Based on sequence similarity, is expected to react with: Mammals
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Serum - liquid

Antiserum Preparation Antisera to sheep 14-3-3 protein were raised by repeated immunisations of rabbit with highly purified antigen.

Preservative Stabilisers 0.09% Sodium Azide (NaN₃)

Immunogen Mixture of synthetic peptides corresponding to all isoforms of sheep 14-3-3.

External Database Links

UniProt:
[P68251](#) [Related reagents](#)
[P62262](#) [Related reagents](#)

[P29361](#) [Related reagents](#)

[O77642](#) [Related reagents](#)

[P68253](#) [Related reagents](#)

Entrez Gene:

[443300](#) LOC443300 [Related reagents](#)

[443032](#) SFN [Related reagents](#)

Specificity	Rabbit anti 14-3-3 antibody recognizes all isoforms of the 14-3-3 protein family. The 14-3-3 family consists of 30 kDa proteins involved in multiple cellular processes including protein kinase signalling pathways, regulation of cell cycle progression, transcription and intracellular trafficking. Protein interactions with 14-3-3 show distinct preferences for its different isoforms and are regulated by phosphorylation of both 14-3-3 and the bound protein.
Immunohistology	This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
Western Blotting	AHP1053 detects a band of approximately 30kDa in HEK293 cell lysates.
Further Reading	1. Aitken, A <i>et al.</i> (2006) 14-3-3 proteins: A historic overview. Seminars in cancer biology 16:162-172.
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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10081 available at: 10081: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),
[DyLight@680](#), [DyLight@800](#)

Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)

Recommended Useful Reagents

[RABBIT ANTI 14-3-3 ISOFORM PANEL \(PAN017\)](#)

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

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