

Datasheet: AHP902

BATCH NUMBER 160824

Description:	RABBIT ANTI GAP43 (pSer41)
Specificity:	GAP43 (pSer41)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

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			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/1000

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species

Rat

Species Cross Reactivity

Based on sequence similarity, is expected to react with: Human, Bovine, Chicken, Dog, Monkey, Xenopus, Zebrafish, 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

Antiserum Preparation

Antisera to phosphorylated GAP-43 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	10mM HEPES pH7.5
Preservative	0.09% Sodium Azide
Stabilisers	0.01% Bovine Serum Albumin 50% Glycerol
Immunogen	Synthetic phosphopeptide corresponding to an amino acid sequence within GAP-43 which includes phosphorylated Ser41.
External Database Links	<p>UniProt: P17677 Related reagents</p> <p>Entrez Gene: 2596 GAP43 Related reagents</p>
RRID	AB_566974
Specificity	<p>Rabbit anti Rat GAP43 (pSer41) antibody recognizes growth-associated protein 43 (GAP43), also known as neuromodulin, axonal membrane protein GAP-43, neural phosphoprotein B-50 and pp46, when phosphorylated at serine 41.</p> <p>GAP-43 is expressed in neuronal growth cones during development and during axonal regeneration and is phosphorylated at Ser41 by protein kinase C.</p>
Western Blotting	AHP902 detects a band of approximately 50kDa in rat cortex lysates.
Storage	<p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10088 available at: https://www.bio-rad-antibodies.com/SDS/AHP902 10088
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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