

Datasheet: AHP1664

Description:	RABBIT ANTI PHAP I (C-TERMINAL)
Specificity:	PHAP I (C-TERMINAL)
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
Immunohistology - Paraffin (1)	▪			2ug/ml
Western Blotting	▪			0.5 - 2.0ug/ml

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.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

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

Antiserum to PHAP I (CT) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by immunoaffinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	A peptide corresponding to amino acids at the carboxy terminus of human PHAP I.
External Database Links	<p>UniProt: P39687 Related reagents</p> <p>Entrez Gene: 8125 ANP32A Related reagents</p>
Synonyms	C15orf1, LANP, MAPM, PHAP1
RRID	AB_1605387
Specificity	<p>Rabbit anti PHAP I (C-Terminal) antibody recognizes the carboxy Terminal of human Acidic leucine-rich nuclear phosphoprotein 32 family member A, also known as putative LHA-DR-associated protein, PHAP I, Acidic nuclear phosphoprotein pp32, Leucine-rich acidic nuclear protein, Potent heat-stable protein phosphatase 2A inhibitor I1PP2A or Mapmodulin. PHAP I is a 249 amino acid member of the ANP32 family, containing 4 leucine rich repeats and a single LRRCT domain.. PHAP I plays a role in a number of cellular processes, including proliferation, differentiation, apoptosis and tumour suppression. PHAP- 1 is involved in the activation of caspase-9 following apatosome formation (Chiang et al. 2003). PHAP 1 is ubiquitously expressed with principally nuclear expression.</p> <p>Rabbit anti PHAP I (C-Terminal) antibody does not cross-react with other isoforms of PHAP.</p>
Western Blotting	AHP1664 detects a band of approximately 32kDa in Raji cell lysate
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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](#)

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

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

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

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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

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

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