

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.
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	UniProt: P39687 Related reagents

Entrez Gene:[8125](#) ANP32A [Related reagents](#)

Synonyms	C15orf1, LANP, MAPM, PHAP1
Specificity	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 apoptosome formation (Chiang <i>et al.</i> 2003). PHAP 1 is ubiquitously expressed with principally nuclear expression. Rabbit anti PHAP I (C-Terminal) antibody does not cross-react with other isoforms of PHAP.
Western Blotting	AHP1664 detects a band of approximately 32kDa in Raji cell lysate
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 #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](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

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

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

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

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