

Datasheet: VPA00089

Description:	RABBIT ANTI PHAP I
Specificity:	PHAP I
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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)	▪			
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

(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
Preparation	Rabbit polyclonal antibody purified by affinity chromatography.
Buffer Solution	Phosphate buffered saline.
Preservative	0.09% Sodium Azide (NaN ₃).

Stabilisers

Immunogen	A peptide corresponding to amino acids at the carboxy terminus of human PHAP I.
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External Database Links

UniProt:

[P39687](#)

[Related reagents](#)

Entrez Gene:

[8125](#)

ANP32A

[Related reagents](#)

Synonyms

C15orf1, LANP, MAPM, PHAP1

Specificity

Rabbit anti Human PHAP I antibody recognizes putative HLA-DR-associated protein I (PHAP I), also known as acidic leucine-rich nuclear phosphoprotein 32 family member A.

PHAP I is a 249 amino acid member of the ANP32 family, containing 4 leucine rich repeats and a single LRRCT domain. This protein plays a role in a number of cellular processes, including proliferation, differentiation, apoptosis and tumor suppression. PHAP I is involved in the activation of caspase-9 following apatosome formation ([Chiang *et al.* 2003](#)). PHAP I is ubiquitously expressed with principally nuclear expression.

Rabbit anti Human PHAP I antibody detects putative HLA-DR-associated protein I as a single band of 29 kDa in a wide range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.

Western Blotting

Rabbit anti PHAP I detects a band of approximately 29 kDa in Jurkat cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00089>
Antibody (10040)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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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
'M400320:220708'

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