

Datasheet: VPA00225

BATCH NUMBER 151204

Description:	RABBIT ANTI POLYADENYLATE-BINDING PROTEIN 1
Specificity:	POLYADENYLATE-BINDING PROTEIN 1
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
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.

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 Ig fraction prepared by ammonium sulphate precipitation

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen KLH conjugated synthetic peptide between 250-279 amino acids from the Central region of human polyadenylate-binding protein 1

External Database Links

UniProt:
[P11940](#) [Related reagents](#)

Entrez Gene:
[26986](#) PABPC1 [Related reagents](#)

Synonyms PAB1, PABP1, PABPC2

Specificity **Rabbit anti Human polyadenylate-binding protein 1 antibody** recognizes polyadenylate-binding protein 1, also known as poly(A) binding protein, cytoplasmic 2.

Encoded by the PABPC1 gene, polyadenylate-binding protein 1 is a poly(A) binding protein. This protein shuttles between the nucleus and cytoplasm and binds to the 3' poly(A) tail of eukaryotic messenger RNAs via RNA-recognition motifs. The binding of this protein to poly(A) promotes ribosome recruitment and translation initiation; it is also required for poly(A) shortening which is the first step in mRNA decay. The gene is part of a small gene family including three protein-coding genes and several pseudogenes (provided by RefSeq, Aug 2010).

Rabbit anti Human polyadenylate-binding protein 1 antibody detects a band of 71 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti polyadenylate-binding protein 1 detects a band of approximately 71 kDa in HeLa 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/VPA00225>
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

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