

Datasheet: VPA00771

Description:	RABBIT ANTI PHOSPHODIESTERASE 4D
Specificity:	PHOSPHODIESTERASE 4D
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
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography on immunogen.
Buffer Solution	TRIS buffered glycine.
Preservative Stabilisers	0.01% Thiomersal <10% Glycerol
Immunogen	KLH conjugated synthetic peptide corresponding to a portion of the C terminal region of human phosphodiesterase 4D

External Database Links

UniProt:

[Q08499](#)

[Related reagents](#)

Entrez Gene:

Synonyms	DPDE3
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Specificity	<p>Rabbit anti Human phosphodiesterase 4D antibody recognizes phosphodiesterase 4D, also known as cAMP-specific 3',5'-cyclic phosphodiesterase 4D.</p> <p>This gene encodes one of four mammalian counterparts to the fruit fly 'dunce' gene. The encoded protein has 3',5'-cyclic-AMP phosphodiesterase activity and degrades cAMP, which acts as a signal transduction molecule in multiple cell types. This gene uses different promoters to generate multiple alternatively spliced transcript variants that encode functional proteins (provided by RefSeq, Sep 2009).</p> <p>Rabbit anti phosphodiesterase 4D antibody detects a band of 91 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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Western Blotting	Anti phosphodiesterase 4D antibody recognizes a band of approximately 91 kDa in HeLa cell lysates.
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Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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Guarantee	12 months from date of despatch.
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Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
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Health And Safety Information	Material Safety Datasheet documentation #20357 available at: https://www.bio-rad-antibodies.com/SDS/VPA00771 Antibody (20357)
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Regulatory	For research purposes only.
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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](https://www.bio-rad-antibodies.com/datasheets)

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