

Datasheet: VPA00771

**BATCH NUMBER 170504**

<b>Description:</b>	RABBIT ANTI PHOSPHODIESTERASE 4D
<b>Specificity:</b>	PHOSPHODIESTERASE 4D
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
<b>Buffer Solution</b>	TRIS buffered glycine
<b>Preservative Stabilisers</b>	0.01% Thiomersal <10% Glycerol
<b>Immunogen</b>	KLH conjugated synthetic peptide corresponding to a portion of the C terminal region of human phosphodiesterase 4D

### External Database Links

**UniProt:**

[Q08499](https://www.uniprot.org/uniprot/Q08499)

[Related reagents](#)

**Entrez Gene:**[5144](#) PDE4D [Related reagents](#)

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<b>Synonyms</b>	DPDE3
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<b>Specificity</b>	<b>Rabbit anti Human phosphodiesterase 4D antibody</b> recognizes phosphodiesterase 4D, also known as cAMP-specific 3',5'-cyclic phosphodiesterase 4D.  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).  Rabbit anti phosphodiesterase 4D antibody detects a band of 91 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
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<b>Western Blotting</b>	Anti phosphodiesterase 4D antibody recognizes a band of approximately 91 kDa in HeLa cell lysates
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<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
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<b>Guarantee</b>	12 months from date of despatch
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<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20357 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00771">https://www.bio-rad-antibodies.com/SDS/VPA00771</a> Antibody (20357)
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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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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