

## Datasheet: VPA00169

<b>Description:</b>	RABBIT ANTI VDAC1
<b>Specificity:</b>	VDAC1
<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.

### 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 Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>).

### Immunogen

Synthetic peptide corresponding to amino acids 185-197 of human VDAC1

**External Database  
Links**

**UniProt:**

[P21796](#)

[Related reagents](#)

**Entrez Gene:**

[7416](#)

VDAC1

[Related reagents](#)

**Synonyms**

VDAC

**Specificity**

**Rabbit anti Human VDAC1 antibody** recognizes the voltage-dependent anion-selective channel protein 1, also known as outer mitochondrial membrane protein porin 1, plasmalemmal porin, porin 31HL, porin 31HM and voltage-dependent anion-selective channel protein 1.

VDAC1 is a voltage-dependent anion channel protein and a major component of the outer mitochondrial membrane. This protein facilitates the exchange of metabolites and ions across the outer mitochondrial membrane and may regulate mitochondrial functions. It also forms channels in the plasma membrane and may be involved in transmembrane electron transport. Alternate splicing results in multiple transcript variants. Multiple pseudogenes of VDAC1 are found on chromosomes 1, 2 3, 6, 9, 12, X and Y (provided by RefSeq, Sep 2010).

Rabbit anti Human VDAC1 antibody detects a band of 32 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**

Anti VDAC1 detects a band of approximately 32 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/VPA00169>  
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](https://www.bio-rad-antibodies.com/datasheets)

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