

Datasheet: VPA00187

**BATCH NUMBER 156077**

<b>Description:</b>	RABBIT ANTI GAPDH
<b>Specificity:</b>	GAPDH
<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>)

<b>Approx. Protein Concentrations</b>	Total protein concentration 0.5 mg/ml
<b>Immunogen</b>	Peptide corresponding to a 16 amino acid sequence from near the amino terminus of GAPDH
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P04406</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">2597</a> GAPDH    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	GAPD
<b>Specificity</b>	<p><b>Rabbit anti Human GAPDH antibody</b> recognizes glyceraldehyde-3-phosphate dehydrogenase (GAPDH), also known as peptidyl-cysteine S-nitrosylase.</p> <p>GAPDH catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. Many pseudogenes similar to this locus are present in the human genome. Two transcript variants encoding different isoforms have been found for GAPDH (provided by RefSeq, Feb 2012).</p> <p>Rabbit anti Human GAPDH antibody detects a band of 37 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti GAPDH detects a band of approximately 37 kDa in Jurkat cell lysates.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00187">https://www.bio-rad-antibodies.com/SDS/VPA00187</a> Antibody (10040)
<b>Regulatory</b>	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://bio-rad-antibodies.com/datasheets)

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