

Datasheet: VPA00489

**BATCH NUMBER 160712**

<b>Description:</b>	RABBIT ANTI RPL15
<b>Specificity:</b>	RPL15
<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

**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>)  
2% Sucrose.

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Synthetic peptide directed towards the N terminal region of human RPL15
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P61313</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">6138</a>    RPL15    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	EC45
<b>Specificity</b>	<p><b>Rabbit anti Human RPL15 antibody</b> recognizes RPL15 also known as 60S ribosomal protein L15.</p> <p>Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL15 gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L15E family of ribosomal proteins. It is located in the cytoplasm. RPL15 shares sequence similarity with the yeast ribosomal protein YL10 gene. Although RPL15 has been referred to as RPL10, its official symbol is RPL15. RPL15 has been shown to be overexpressed in some esophageal tumors compared to normal matched tissues. Mutation of the RPL15 gene has been identified in Diamond-Blackfan anemia 12 (<a href="#">DBA12</a>) an inherited red blood cell aplasia that usually presents in the first year of life (<a href="#">Landowski et al. 2013</a>). Alternate splicing results in multiple transcript variants. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of RPL15 dispersed through the genome (provided by RefSeq, Nov 2011).</p> <p>Rabbit anti Human RPL15 antibody detects a band of 26 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti RPL15 detects a band of approximately 26 kDa in K562 cell lysates.
<b>Storage</b>	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<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>	<p>Material Safety Datasheet documentation #10045 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/VPA00489">https://www.bio-rad-antibodies.com/SDS/VPA00489</a>  Antibody (10045)</p>

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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](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

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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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