

## Datasheet: VPA00363KT

<b>Description:</b>	RPL17 ANTIBODY WITH CONTROL LYSATE
<b>Specificity:</b>	RPL17
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	2 Westerns

### 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

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. 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 dependant on sample type.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</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.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	20µl Rabbit polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<p>0.09% Sodium Azide (NaN<sub>3</sub>)</p> <p>1% Bovine Serum Albumin</p>
<b>Immunogen</b>	KLH-conjugated synthetic peptide corresponding to aa 156-184 of human RPL17

<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P18621</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">6139</a> RPL17 <a href="#">Related reagents</a>
<b>Specificity</b>	<p><b>Rabbit anti Human RPL17 antibody</b> recognizes RPL17, also known as 60S ribosomal protein L17, 60S ribosomal protein L23 or gene encoding putative NFkB activating protein.</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. The RPL17 gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L22P family of ribosomal proteins. It is located in the cytoplasm. RPL17 has been referred to as rpL23 because the encoded protein shares amino acid identity with ribosomal protein L23 from <i>Halobacterium marismortui</i>; however, its official symbol is RPL17. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of RPL17 dispersed through the genome. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between RPL17 and the neighboring downstream C18orf32 (chromosome 18 open reading frame 32) gene (provided by RefSeq, Dec 2010).</p> <p>Rabbit anti Human RPL17 antibody detects bands of 22 and 24 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti RPL17 detects bands of approximately 22 kDa and 24 kDa in HeLa cell lysate
<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.
<b>Lysate Composition</b>	400µg HeLa lysate lyophilized in RIPA buffer
<b>Lysate Reconstitution</b>	<ul style="list-style-type: none"> <li>- If using DDT reconstitute the lyophilized lysate with 190µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</li> <li>- If using BME reconstitute the lyophilized lysate with 180µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</li> </ul> <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p>
<b>Storage</b>	<p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p>
<b>Guarantee</b>	As supplied, 12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories

**Health And Safety  
Information**

Material Safety Datasheet documentation #10041 #10561 available at:  
Antibody (10041): <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>  
Lysate Material (10561): <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

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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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America**

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