

## Datasheet: VPA00345

<b>Description:</b>	RABBIT ANTI TUBULIN BETA 2B
<b>Specificity:</b>	TUBULIN BETA 2B
<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

**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>	Reacts with: Mouse <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	2% Sucrose
<b>Immunogen</b>	Synthetic peptide corresponding to the N-terminal region of Human tubulin beta 2B
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9BVA1</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">347733</a> TUBB2B    <a href="#">Related reagents</a></p>

### Specificity

**Rabbit anti Human tubulin beta 2B antibody** recognizes tubulin beta 2B, also known as class II beta-tubulin isotype, class IIb beta-tubulin, TUBB2B and tubulin beta polypeptide paralog.

Tubulin beta 2B is a beta isoform of tubulin, which binds GTP and is a major component of microtubules. TUBB2B is highly similar to TUBB2A and TUBB2C and defects in the TUBB2B protein are a cause of asymmetric polymicrogyria (provided by RefSeq, Mar 2010).

Rabbit anti Human tubulin beta 2B antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

<b>Western Blotting</b>	Anti tubulin beta 2B detects a band of approximately 50 kDa in C2C12 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>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
<b>Guarantee</b>	As supplied, 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 #10045 available at: Antibody (10045): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf</a>
<b>Regulatory</b>	For research purposes only

---

## 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

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

'M338859:181217'

**Printed on 15 Mar 2019**