

## Datasheet: VPA00859

<b>Description:</b>	RABBIT ANTI BETA-1 ADRENERGIC RECEPTOR
<b>Specificity:</b>	BETA-1 ADRENERGIC RECEPTOR
<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>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	2% Sucrose
<b>Immunogen</b>	Synthetic peptide corresponding to the C-terminal region of human beta-1 adrenergic receptor
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P08588</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">153</a>   ADRB1   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	ADRB1R, B1AR
<b>Specificity</b>	<b>Rabbit anti Human beta-1 adrenergic receptor antibody</b> recognizes the beta-1 adrenergic receptor, also known as RHR, ADRB1 and BETA1AR .

The adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of

guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Specific polymorphisms in ADRB1 have been shown to affect the resting heart rate and can be involved in heart failure (provided by RefSeq, Jul 2008).

Rabbit anti Human beta-1 adrenergic receptor antibody detects bands of 50-55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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<b>Western Blotting</b>	Anti beta-1 adrenergic receptor antibody recognizes a band of approximately 50-55 kDa in HEK293 cell lysates
<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>Shelf Life</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

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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