

Datasheet: VPA00859

Description:	RABBIT ANTI BETA-1 ADRENERGIC RECEPTOR
Specificity:	BETA-1 ADRENERGIC RECEPTOR
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	2% Sucrose
Immunogen	Synthetic peptide corresponding to the C-terminal region of human beta-1 adrenergic receptor
External Database Links	<p>UniProt: P08588 Related reagents</p> <p>Entrez Gene: 153 ADRB1 Related reagents</p>
Synonyms	ADRB1R, B1AR
Specificity	Rabbit anti Human beta-1 adrenergic receptor antibody 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.

Western Blotting	Anti beta-1 adrenergic receptor antibody recognizes a band of approximately 50-55 kDa in HEK293 cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10045 available at: Antibody (10045): https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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