

Datasheet: VPA00442

Description:	RABBIT ANTI CANNABINOID RECEPTOR 1
Specificity:	CANNABINOID RECEPTOR 1
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

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Learn about [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
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 ₃).
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	KLH conjugated synthetic peptide corresponding to amino acid 161-187 of human cannabinoid receptor 1
External Database Links	UniProt:

Entrez Gene:

[1268](#) CNR1 [Related reagents](#)

Synonyms	CNR
Specificity	<p>Rabbit anti Human cannabinoid Receptor 1 antibody recognizes cannabinoid receptor 1, also known as CB1, central cannabinoid receptor or CANN6.</p> <p>The CNR1 gene encodes one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family, which inhibit adenylate cyclase activity in a dose-dependent, stereoselective and pertussis toxin-sensitive manner. The two receptors have been found to be involved in the cannabinoid-induced CNS effects, including alterations in mood and cognition experienced by users of marijuana. Multiple transcript variants encoding two different protein isoforms have been described for CNR1 (provided by RefSeq, May 2009).</p> <p>Rabbit anti Human Cannabinoid Receptor 1 antibody detects a band of 53 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti cannabinoid receptor 1 detects a band of approximately 53 kDa in HEK293 cell lysates.
Storage	This product is shipped at ambient temperature. Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00442
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M444262:250709'

Printed on 09 Jul 2025

