

## Datasheet: AHP1648

<b>Description:</b>	RABBIT ANTI HUMAN CEREBELLIN-1 (C-TERMINAL)
<b>Specificity:</b>	CEREBELLIN-1 (C-TERMINAL)
<b>Other names:</b>	PRECEREBELLIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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
Immunohistology - Frozen	▪			10ug/ml
Western Blotting	▪			2 - 4ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse, Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to human Precerebellin was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	A peptide corresponding to an 16 amino acid sequence from near the carboxy terminus of human Precerebellin.
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

[869](#)   CBLN1   [Related reagents](#)

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<b>Specificity</b>	<p><b>Rabbit anti Human cerebellin-1 anyibody</b> recognises human Precerebellin, also known as Cerebellin-1, CBLN1 or Cerebellin precursor, a secreted membrane protein with a predicted molecular weight of 21 kDa.</p> <p>Precerebellin is required for synapse integrity and synaptic plasticity and for the ER export and secretion of CBLN3. Precerebellin exerts neuromodulatory functions including directly stimulating norepinephrine release via the adenylate cyclase/PKA-dependent signaling pathway; and indirectly enhances adrenocortical secretion in vivo, through a paracrine mechanism involving medullary catecholamine release.</p>
<b>Western Blotting</b>	AHP1648 detects a band of approximately 16kDa in 293 cell lysate
<b>Further Reading</b>	<ol style="list-style-type: none"><li>1. Albertin G., et al (2000) Cerebellin stimulates the secretory activity of the rat adrenal gland: in vitro and in vivo studies. <a href="#">Neuropeptides 34:7-11</a></li><li>2. Mazzocchi G., et al (1999) Cerebellin enhances in vitro secretory activity of human adrenal gland. <a href="#">J. Clin. Endocrinol. Metab. 84:632-5.</a></li><li>3. Urade Y., et al (1991) Precerebellin is a cerebellum-specific protein with similarity to the globular component C1q B chain. <a href="#">PNAS 88:1069-73</a></li></ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a></p>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	<a href="#">FITC</a>
Sheep Anti Rabbit IgG (STAR35...)	<a href="#">RPE</a>
Goat Anti Rabbit IgG (H/L) (STAR124...)	<a href="#">HRP</a>
Goat Anti Rabbit IgG (Fc) (STAR121...)	<a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Sheep Anti Rabbit IgG (2AB02...)	<a href="#">Biotin</a>
Sheep Anti Rabbit IgG (STAR36...)	<a href="#">DyLight@488</a> , <a href="#">DyLight@549</a> , <a href="#">DyLight@649</a> , <a href="#">DyLight@680</a> , <a href="#">DyLight@800</a>

### Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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