

Datasheet: VPA00858

**BATCH NUMBER 172842**

<b>Description:</b>	RABBIT ANTI ALPHA-1-ANTICHYMOTRYPSIN
<b>Specificity:</b>	ALPHA-1-ANTICHYMOTRYPSIN
<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

**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.

<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>	0.05% Sodium Azide
<b>Stabilisers</b>	0.05% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	Recombinant protein of partial Human alpha-1-antichymotrypsin (amino acids 40-250)
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

[12](#) SERPINA3   [Related reagents](#)

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<b>Synonyms</b>	AACT
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<b>Specificity</b>	<p><b>Rabbit anti Human alpha-1-antichymotrypsin antibody</b> recognizes the alpha-1-antichymotrypsin, also known as cell growth-inhibiting gene 24/25 protein and serpin A3.</p> <p>The protein encoded by SERPINA3 is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson's disease and chronic obstructive pulmonary disease (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human alpha-1-antichymotrypsin antibody detects a band of 60 kDa. The antibody has been extensively validated for western blotting using whole cell lysates and human plasma.</p>
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<b>Western Blotting</b>	Anti alpha-1-antichymotrypsin antibody recognizes a band of approximately 60 kDa in human plasma
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<b>Storage</b>	This product is shipped at ambient temperature. Store undiluted at -20°C, avoiding repeated freeze thaw cycles
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<b>Guarantee</b>	12 months from date of despatch
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<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00858">https://www.bio-rad-antibodies.com/SDS/VPA00858</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

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

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)

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