

Datasheet: VPA00858

BATCH NUMBER 171003

Description:	RABBIT ANTI ALPHA-1-ANTICHYMOTRYPSIN
Specificity:	ALPHA-1-ANTICHYMOTRYPSIN
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. Click [here](#) to learn 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 on Protein A
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin
Immunogen	Recombinant protein of partial Human alpha-1-antichymotrypsin (amino acids 40-250)
External Database Links	UniProt: P01011 Related reagents

Entrez Gene:[12](#) SERPINA3 [Related reagents](#)

Synonyms	AACT
-----------------	------

Specificity	<p>Rabbit anti Human alpha-1-antichymotrypsin antibody 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>
--------------------	--

Western Blotting	Anti alpha-1-antichymotrypsin antibody recognizes a band of approximately 60 kDa in human plasma
-------------------------	--

Storage	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 #10041 available at: https://www.bio-rad-antibodies.com/SDS/VPA00858 Antibody (10041)
--------------------------------------	--

Regulatory	For research purposes only
-------------------	----------------------------

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

'M371098:200529'

Printed on 25 Mar 2023