

Datasheet: VPA00200

Description:	SHEEP ANTI ALPHA 2 MACROGLOBULIN
Specificity:	ALPHA 2 MACROGLOBULIN
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
Immunoprecipitation	▪			
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
Species Cross Reactivity	<p>Reacts with: Rat</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Sheep polyclonal antibody purified by affinity chromatography on Protein G.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Approx. Protein	IgG concentration 0.5 mg/ml

Concentrations

Immunogen Purified human alpha 2 macroglobulin

External Database Links

UniProt:
[P01023](#) [Related reagents](#)

Entrez Gene:
[2](#) A2M [Related reagents](#)

Synonyms CPAMD5

Specificity **Sheep anti Human alpha 2 macroglobulin antibody** recognizes the alpha 2 macroglobulin, also known as C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5 and alpha-2-M.

Alpha 2 macroglobulin is a protease inhibitor and cytokine transporter. It inhibits many proteases, including trypsin, thrombin and collagenase. Alpha 2 macroglobulin is implicated in Alzheimer disease (AD) due to its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid deposits (provided by RefSeq, Jul 2008).

Sheep anti Human alpha 2 macroglobulin antibody detects a band of 180 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti alpha 2 macroglobulin detects a band of approximately 180 kDa in HepG2 cell lysates.

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 #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00200> Antibody (10040)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2504...) [HRP](#)

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

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