

## Datasheet: AHP1837

<b>Description:</b>	SHEEP ANTI HUMAN PREALBUMIN
<b>Specificity:</b>	PREALBUMIN
<b>Other names:</b>	TRANSTHYRETIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Immunodiffusion	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	IgG fractions prepared by ammonium sulphate precipitation and anion exchange chromatography
<b>Antiserum Preparation</b>	Antisera to human prealbumin were raised by repeated immunisation of sheep with highly purified antigen.
<b>Buffer Solution</b>	Glycine buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	0.1% EACA

0.01% Benzamidine  
1mM EDTA

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**Immunogen** Human prealbumin.

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**External Database Links**

**UniProt:**

[P02766](#)    [Related reagents](#)

**Entrez Gene:**

[7276](#)    TTR    [Related reagents](#)

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**Synonyms** PALB

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**RRID** AB\_2212089

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**Specificity**

**Sheep anti Human Prealbumin antibody** recognises prealbumin, also known as transthyretin, a homotetrameric serum and cerebrospinal fluid protein which acts as a carrier for the thyroid hormone thyroxine. Each monomer is a 127 amino acid polypeptide. Prealbumin is synthesised principally in the liver and choroid plexus from where it is secreted into the serum and cerebrospinal fluid respectively.

Sheep anti Human Prealbumin antibody is also available as nephelometric grade whole serum and in bulk quantities. Please enquire for further details.

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**References**

1. Lancaster, M.A. *et al.* (2013) Cerebral organoids model human brain development and microcephaly. [Nature. 501 \(7467\): 373-9.](#)
  2. Nguyen, D.N. *et al.* (2016) Oral antibiotics increase blood neutrophil maturation and reduce bacteremia and necrotizing enterocolitis in the immediate postnatal period of preterm pigs. [Innate Immun. 22 \(1\): 51-62.](#)
  3. Royer, P.J. *et al.* (2010) The mannose receptor mediates the uptake of diverse native allergens by dendritic cells and determines allergen-induced T cell polarization through modulation of IDO activity. [J Immunol. 185 \(3\): 1522-31.](#)
  4. Renner, M. *et al.* (2017) Self-organized developmental patterning and differentiation in cerebral organoids. [EMBO J. 36 \(10\): 1316-29.](#)
  5. Lancaster, M.A. *et al.* (2017) Guided self-organization and cortical plate formation in human brain organoids. [Nat Biotechnol. 35 \(7\): 659-66.](#)
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**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10087 available at:

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [HRP](#)

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

**North & South** Tel: +1 800 265 7376

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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](https://www.bio-rad-antibodies.com/datasheets)

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