

## Datasheet: AHP214

<b>Description:</b>	SHEEP ANTI HUMAN APOLIPOPROTEIN B
<b>Specificity:</b>	APOLIPOPROTEIN B
<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	▪			Neat

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Guinea Pig, Pig <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid

**Antiserum Preparation** Antisera to Apolipoprotein B were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG was prepared from serum by ion exchange chromatography.

<b>Buffer Solution</b>	Glycine buffered saline
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<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	0.01% Benzamidine
	0.1% EACA
	1mM EDTA

<b>External Database Links</b>	<b>UniProt:</b>
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**Entrez Gene:**

[338](#)   APOB   [Related reagents](#)

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**Specificity**      **Sheep anti Human apolipoprotein B antibody** recognizes human apolipoprotein B, one of many components of VLDL, LDL and IDL particles responsible for carrying water insoluble lipids throughout the body.

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**References**

1. Hazell, L.J. *et al.* (1996) Presence of hypochlorite-modified proteins in human atherosclerotic lesions. [J Clin Invest. 97: 1535-44.](#)
2. Ikejiri, A. *et al.* (2004) Effects of atorvastatin on triglyceride-rich lipoproteins, low-density lipoprotein subclass, and C-reactive protein in hemodialysis patients. [Metabolism. 53: 1113-7.](#)
3. Dixon, J.L. *et al.* (2002) Apolipoprotein B is synthesized in selected human non-hepatic cell lines but not processed into mature lipoprotein. [J Histochem Cytochem. 50: 629-40.](#)
4. Du, X. *et al.* (1998) Identification of two regions in apolipoprotein B100 that are exposed on the cytosolic side of the endoplasmic reticulum membrane. [J Cell Biol. 141: 585-99.](#)

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**Storage**      Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life**      18 months from date of despatch.

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**Health And Safety Information**      Material Safety Datasheet documentation #10087 available at: 10087: <https://www.bio-rad-antibodies.com/uploads/MSDS/10087.pdf>

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**Regulatory**      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

Donkey Anti Sheep IgG (STAR88...)      [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),  
[FITC](#), [HRP](#)

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