

## Datasheet: AHP102P

<b>Description:</b>	SHEEP ANTI HUMAN ALBUMIN:HRP
<b>Specificity:</b>	ALBUMIN
<b>Other names:</b>	HSA
<b>Format:</b>	HRP
<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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/25600 - 1/51200
Western Blotting			▪	

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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Rat, Cat, Bovine, Chicken, Guinea Pig, Mouse, Dog, Rabbit, Horse, Pig  
**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.

### Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

### Antiserum Preparation

Antisera to human albumin were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG was prepared from whole serum by ion exchange chromatography.

### Buffer Solution

Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.05% Proclin™ 300 1% Sheep Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0 mg/ml
<b>Immunogen</b>	Human serum albumin purified from Cohn fraction V.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P02768</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">213</a> ALB    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_321173
<b>Specificity</b>	<b>Sheep anti human albumin antibody</b> recognizes human albumin, a major plasma protein of ~66 kDa.
<b>References</b>	<ol style="list-style-type: none"> <li>Vargas, M.E. <i>et al.</i> (2010) Endogenous antibodies promote rapid myelin clearance and effective axon regeneration after nerve injury. <a href="#">Proc Natl Acad Sci U S A. 107: 11993-8.</a></li> <li>Quintana, A. <i>et al.</i> (2001) Effect of S-nitrosoglutathione (GSNO) added to the University of Wisconsin solution (UW): I) Morphological alteration during cold preservation/reperfusion of rat liver. <a href="#">Int J Surg Investig. 2: 401-11.</a></li> <li>Wiese, C. <i>et al.</i> (2004) Nestin expression--a property of multi-lineage progenitor cells? <a href="#">Cell Mol Life Sci. 61: 2510-22.</a></li> <li>Chien, H.W. &amp; Tsai, W.B. (2012) Fabrication of tunable micropatterned substrates for cell patterning via microcontact printing of polydopamine with poly(ethylene imine)-grafted copolymers. <a href="#">Acta Biomater. 8 (10): 3678-86.</a></li> </ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Acknowledgements</b>	Proclin™ 300 is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20363 available at: 20363: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/20363.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/20363.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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