

## Datasheet: AHP052P

<b>Description:</b>	SHEEP ANTI HUMAN ALPHA 1 ANTITRYPSIN:HRP
<b>Specificity:</b>	ALPHA 1 ANTITRYPSIN
<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	■			1/6400 - 1/12800

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>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

**Antiserum Preparation** Antisera to alpha 1- antitrypsin were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG was prepared from whole serum by ion exchange chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.05% Proclin™ 300
<b>Stabilisers</b>	0.002% Methylisothiazolone 0.002% Bromonitrodioxane 1% Bovine Serum Albumin

<b>Immunogen</b>	Human alpha 1 antitrypsin, purified from plasma.
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**External Database  
Links**

**UniProt:**

[P01009](#)

[Related reagents](#)

**Entrez Gene:**

[5265](#)

SERPINA1

[Related reagents](#)

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**Synonyms**

AAT, PI

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**RRID**

AB\_321175

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**Specificity**

**Sheep anti Human alpha 1 Antitrypsin antibody** recognizes alpha 1 antitrypsin, a 51kDa glycoprotein which demonstrates serine protease inhibitor activity.

Sheep anti Human alpha 1 Antitrypsin antibody is also available as nephelometric grade whole serum and in bulk quantities. Please enquire for further details.

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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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**Guarantee**

18 months from date of despatch.

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**Acknowledgements**

Proclin™ 300 is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10557 available at:  
10557: <https://www.bio-rad-antibodies.com/uploads/MSDS/10557.pdf>

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**Regulatory**

For research purposes only

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## 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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From March 15, 2021, we will no longer supply printed datasheets with our products.

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