

## Datasheet: AHP3008

**BATCH NUMBER 163654**

<b>Description:</b>	GOAT ANTI CATHEPSIN B
<b>Specificity:</b>	Cathepsin B
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

### 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	▪			10 µg/ml
Immunohistology - Paraffin	▪			5 µg/ml
Western Blotting	▪			3 µg/ml - 0.5 µg/ml
Immunofluorescence	▪			10 µg/ml

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

<b>Target Species</b>	Human
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<b>Product Form</b>	Purified IgG - liquid
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**Antiserum Preparation** Antisera to human cathepsin B were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

<b>Buffer Solution</b>	TRIS buffered saline
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<b>Preservative</b>	0.02% Sodium Azide
<b>Stabilisers</b>	0.5% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
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<b>Immunogen</b>	Peptide with sequence SDRICHTNAHVSVE, from the internal region of the protein
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sequence according to NP\_001899.1

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**Specificity**            **Goat anti Human cathepsin B antibody** recognizes cathepsin B, also known as APPS and CPSB.

Cathepsin B is a lysosomal cysteine protease, expressed constitutively and linked to protein turnover in lysosomes ([Aggarwal and Sloane 2014](#)).

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**Western Blotting**    Goat anti Human cathepsin B antibody detects a band of approximately 35 kDa in cell lysates

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**Storage**                Store at -20°C only.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**              12 months from date of despatch

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**Health And Safety Information**    Material Safety Datasheet documentation #10058 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3008>  
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**Regulatory**             For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [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](https://www.bio-rad-antibodies.com/datasheets)

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