

## Datasheet: AHP2290

<b>Description:</b>	RABBIT ANTI CATALASE
<b>Specificity:</b>	CATALASE
<b>Other names:</b>	CAT
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## 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
Western Blotting	▪			0.5 - 4.0 ug/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
<b>Product Form</b>	Purified IgG - liquid.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative</b>	30% Glycerol
<b>Stabilisers</b>	0.5% Bovine Serum Albumin 0.5mM EDTA 0.03% ProClin 300
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	Synthetic peptide surrounding amino acid 514 of human catalase

### External Database Links

#### UniProt:

[P04040](https://www.uniprot.org/uniprot/P04040)

[Related reagents](#)

**Entrez Gene:**

[847](#) CAT [Related reagents](#)

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<b>Specificity</b>	<b>Rabbit anti catalase antibody</b> recognizes catalase, a key player in the defense mechanism against oxidative stress. Catalase is a highly conserved protein and acts by decomposing toxic hydrogen peroxides.
<b>Western Blotting</b>	Rabbit anti catalase antibody recognizes a band of approximately 58 kDa in Jurkat cell lysates.
<b>Storage</b>	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch.
<b>Acknowledgements</b>	ProClin 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 #20377 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2290">https://www.bio-rad-antibodies.com/SDS/AHP2290</a> 20377
<b>Regulatory</b>	For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [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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