

## Datasheet: AHP2473

<b>Description:</b>	RABBIT ANTI HEAT SHOCK PROTEIN 90 ALPHA
<b>Specificity:</b>	HEAT SHOCK PROTEIN 90 ALPHA
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µl

## 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 - Paraffin	▪			1/50 - 1/100
Western Blotting	▪			1/500 - 1/2000
Immunofluorescence	▪			1/20 - 1/50

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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**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 - liquid

### Antiserum Preparation

Antiserum to heat shock protein 90 alpha was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.05% ProClin™300  
50% Glycerol

<b>Immunogen</b>	Recombinant human heat shock protein 90 alpha
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P07900</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">3320</a>    HSP90AA1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	HSP90A, HSPC1, HSPCA
<b>Specificity</b>	<b>Rabbit anti heat shock protein 90 alpha antibody</b> recognizes heat shock protein 90 alpha also known as HSP90AA1 or LAP2. Heat shock protein 90 alpha is an isoform of the highly conserved heat shock protein 90. Heat shock protein 90 alpha expression is induced under conditions of cellular stress where upon it acts as a molecular chaperone.
<b>Western Blotting</b>	Rabbit anti heat shock protein 90 alpha antibody detects a band of approximately 100 kDa in cell lysates and tissue lysates under reducing conditions
<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 #20376 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2473">https://www.bio-rad-antibodies.com/SDS/AHP2473</a> 20376
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...)    [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...)    [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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