

Datasheet: AHP2424

**BATCH NUMBER 141386**

<b>Description:</b>	RABBIT ANTI 14-3-3 SIGMA
<b>Specificity:</b>	14-3-3 SIGMA
<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 - 1/200
Western Blotting	▪			1/500 - 1/2000
Immunofluorescence	▪			1/50 - 1/200

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 14-3-3 sigma 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

0.02% Sodium Azide  
50% Glycerol

<b>Immunogen</b>	Recombinant human 14-3-3 sigma
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P31947</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">2810</a>    SFN    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	HME1
<b>Specificity</b>	<b>Rabbit anti 14-3-3 sigma antibody</b> recognizes 14-3-3 sigma, also known as SFN, YWHAS or stratifin. 14-3-3 Sigma is a member of the 14-3-3 family of proteins. 14-3-3 proteins regulate multiple cell signaling pathways through their interaction with discrete protein sequences.
<b>Western Blotting</b>	Rabbit anti 14-3-3 sigma antibody detects a band of approximately 28 kDa in cell 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>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: 10049: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf</a>
<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 \(STAR209P\)](#)

<p><b>North &amp; South America</b></p> <p>Tel: +1 800 265 7376          Fax: +1 919 878 3751          Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a></p>	<p><b>Worldwide</b></p> <p>Tel: +44 (0)1865 852 700          Fax: +44 (0)1865 852 739          Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a></p>	<p><b>Europe</b></p> <p>Tel: +49 (0) 89 8090 95 21          Fax: +49 (0) 89 8090 95 50          Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a></p>
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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)  
 'M354214:190625'

