

Datasheet: VPA00717

**BATCH NUMBER 161122**

<b>Description:</b>	RABBIT ANTI 14-3-3 SIGMA
<b>Specificity:</b>	14-3-3 SIGMA
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 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
Western Blotting	■			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Immunogen</b>	KLH conjugated synthetic peptide of human 14-3-3 sigma (amino acids 222 - 248)

### External Database Links

#### UniProt:

[P31947](#)

[Related reagents](#)

**Entrez Gene:**[2810](#)   SFN   [Related reagents](#)

<b>Synonyms</b>	HME1
<b>Specificity</b>	<p><b>Rabbit anti Human 14-3-3 sigma antibody</b> recognizes the protein 14-3-3 sigma, also known as epithelial cell marker protein 1 or stratifin.</p> <p>Hypermethylation of stratifin has been linked to early stages in breast cancer. Additionally, it has been shown to promote MMP-1 expression in fibroblasts.</p> <p>Rabbit anti Human 14-3-3 sigma antibody detects a band of 27 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Rabbit anti 14-3-3 sigma detects a band of approximately 27 kDa in A431 cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00717">https://www.bio-rad-antibodies.com/SDS/VPA00717</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [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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