

## Datasheet: VPA00684

<b>Description:</b>	RABBIT ANTI HEAT SHOCK 70 kDa PROTEIN 1-LIKE
<b>Specificity:</b>	HEAT SHOCK 70 kDa PROTEIN 1-LIKE
<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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: 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

### Preparation

Rabbit polyclonal antibody purified by affinity chromatography.

### Buffer Solution

TRIS buffered glycine.

### Preservative Stabilisers

0.01% Thiomersal  
<50% Glycerol

### Immunogen

Recombinant protein encompassing part of the middle of human heat shock 70 kDa protein 1-like

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**External Database****Links****UniProt:**[P34931](#)[Related reagents](#)**Entrez Gene:**[3305](#)

HSPA1L

[Related reagents](#)

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**Specificity**

**Rabbit anti Human heat shock 70 kDa protein 1-like antibody** recognizes the heat shock 70 kDa protein 1-like, also known as HSPA1L, heat shock 70 kDa protein 1-Hom or heat shock 70 kDa protein 1L1.

The HSPA1L gene encodes a 70 kDa heat shock protein. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70 kDa heat shock protein (provided by RefSeq, Jul 2008).

Rabbit anti Human heat shock 70 kDa protein 1-like antibody detects a band of 75 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Rabbit anti heat shock 70 kDa protein 1-like detects a band of approximately 75 kDa in HepG2 cell lysates.

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**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**

12 months from date of despatch.

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**

Material Safety Datasheet documentation #20357 available at: Antibody (20357): <https://www.bio-rad-antibodies.com/uploads/MSDS/20357.pdf>

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**Regulatory**

For research purposes only.

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## 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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