

Datasheet: VPA00624

**BATCH NUMBER 161121**

<b>Description:</b>	RABBIT ANTI HEAT SHOCK 70 kDa PROTEIN 14
<b>Specificity:</b>	HEAT SHOCK 70 kDa PROTEIN 14
<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: Mouse

**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

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide  
2% Sucrose

**Immunogen** Synthetic peptide encompassing part of the N-terminal region of human heat shock 70 kDa protein 14

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**External Database Links**

**UniProt:**

[Q0VDF9](#) [Related reagents](#)

**Entrez Gene:**

[51182](#) HSPA14 [Related reagents](#)

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**Synonyms** HSP60, HSP70L1

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**Specificity** **Rabbit anti Human heat shock 70 kDa protein 14 antibody** recognizes the heat shock 70 kDa protein 14, also known as HSP70-like protein 1, heat shock 70 kDa protein 14 isoform 1 variant 3 or heat shock protein HSP60.

The Heat shock 70 kDa protein 14 is a component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity.

Rabbit anti Human heat shock 70 kDa protein 14 antibody detects a band of 49 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 14 detects a band of approximately 49 kDa in K562 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 #10045 available at: Antibody (10045): <https://www.bio-rad-antibodies.com/uploads/MSDS/10045.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](http://bio-rad-antibodies.com/datasheets)

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