

## Datasheet: VPA00582

<b>Description:</b>	RABBIT ANTI RAGE
<b>Specificity:</b>	RAGE
<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 (NaN<sub>3</sub>)  
2% Sucrose.

### Immunogen

Synthetic peptide directed towards the N terminal region of human RAGE

**External Database  
Links**

**UniProt:**

[Q15109](#)   [Related reagents](#)

**Entrez Gene:**

[177](#)   [AGER](#)   [Related reagents](#)

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**Synonyms**

RAGE

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**Specificity**

**Rabbit anti Human RAGE antibody** recognizes RAGE also known as advanced glycosylation end product-specific receptor, RAGE isoform NtRAGE-delta, AGER or receptor for advanced glycation end-products variant 20.

The advanced glycosylation end product (AGE) receptor encoded by the AGER gene is a member of the immunoglobulin superfamily of cell surface receptors. It is a multiligand receptor, and besides AGE, interacts with other molecules implicated in homeostasis, development, and inflammation, and certain diseases, such as diabetes and Alzheimer's disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-protein-coding variants, have been described for AGER ([Hudson et al. 2008](#)) (provided by RefSeq, May 2011).

Rabbit anti Human RAGE antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using tissue and whole cell lysates.

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**Western Blotting**

Anti RAGE detects a band of approximately 55 kDa in mouse lung tissue.

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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](https://www.bio-rad-antibodies.com/datasheets)

'M402728:220719'

**Printed on 19 Jul 2022**

