

Datasheet: VPA00714

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|----------------------|------------------------|
| Description: | RABBIT ANTI PSME3 |
| Specificity: | PSME3 |
| Format: | Purified |
| Product Type: | PrecisionAb Polyclonal |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

| | 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, 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

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide
2% Sucrose

Immunogen

Synthetic peptide encompassing part of the N terminal region of human PSME3

**External Database
Links**

UniProt:

[P61289-2](#)

[Related reagents](#)

Specificity

Rabbit anti Human PSME3 antibody recognizes the proteasome activator complex subunit 3, also known as 11S regulator complex gamma subunit, PA28gamma, Ki antigen or activator of multicatalytic protease subunit 3.

The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The immunoproteasome contains an alternate regulator, referred to as the 11S regulator or PA28, that replaces the 19S regulator. Three subunits (alpha, beta and gamma) of the 11S regulator have been identified. PSME3 gene encodes the gamma subunit of the 11S regulator. Six gamma subunits combine to form a homohexameric ring. Alternate splicing results in multiple transcript variants (provided by RefSeq, May 2012).

Rabbit anti Human PSME3 antibody detects a band of 30 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Rabbit anti PSME3 detects a band of approximately 30 kDa in Ramos cell lysates.

Storage

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

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety
Information**

Material Safety Datasheet documentation #10045 available at:
Antibody (10045): <https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf>

Regulatory

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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