

Datasheet: VPA00675

**BATCH NUMBER 161118**

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | RABBIT ANTI SQSTM1     |
| <b>Specificity:</b>  | SQSTM1                 |
| <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>       | 0.01% Thiomersal<br><50% Glycerol   |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.5 mg/ml   |
| <b>Immunogen</b>                      | Carrier-protein conjugated synthetic peptide encompassing part of the middle region of human SQSTM1 |

**External Database  
Links**

**UniProt:**

[Q13501](#)   [Related reagents](#)

**Entrez Gene:**

[8878](#)   SQSTM1   [Related reagents](#)

---

**Synonyms**

ORCA, OSIL

---

**Specificity**

**Rabbit anti Human SQSTM1 antibody** recognizes sequestosome-1, also known as EBI3-associated protein of 60 kDa, EBI3-associated protein p60, EBIAP or ubiquitin-binding protein p62.

The SQSTM1 gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-κB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-κB in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for SQSTM1. Mutations in SQSTM1 gene result in sporadic and familial Paget disease of bone (provided by RefSeq, Mar 2009).

Rabbit anti Human SQSTM1 antibody detects a band of 60 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**Western Blotting**

Rabbit anti SQSTM1 detects a band of approximately 60 kDa in HeLa 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 #10097 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00675>  
Antibody (10097)

---

**Regulatory**

For research purposes only.

---

## Related Products

### Recommended Secondary Antibodies

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

**North & South**   Tel: +1 800 265 7376

**America**   Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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)

'M409366:221018'

