

Datasheet: VPA00379

**BATCH NUMBER 160309**

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | RABBIT ANTI C21orf33   |
| <b>Specificity:</b>  | C21orf33               |
| <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> | 0.09% Sodium Azide (NaN <sub>3</sub> )  |
| <b>Immunogen</b>                | KLH-conjugated synthetic peptide corresponding to aa 91-124 of human C21orf33 |

### External Database Links

#### UniProt:

[P30042](#)

[Related reagents](#)

**Entrez Gene:**

[8209](#) C21orf33 [Related reagents](#)

---

|                 |            |
|-----------------|------------|
| <b>Synonyms</b> | HES1, KNPI |
|-----------------|------------|

---

|                    |  |
|--------------------|--|
| <b>Specificity</b> | <b>Rabbit anti Human C21orf33 antibody</b> recognizes C21orf33 also known as ES1 protein homolog, Keio novel protein I and human HES1 protein.<br><br>The C21orf33 gene sequence encodes a potential mitochondrial protein that is a member of the DJ-1/Pfpl gene family. This protein is overexpressed in fetal Down syndrome brain. Alternate splicing results in multiple transcript variants (provided by RefSeq, May 2010).<br><br>Rabbit anti Human C21orf33 antibody detects a band of 27 kDa. The antibody has been extensively validated for western blotting using whole cell lysates. |
|--------------------|--|

---

|                         |  |
|-------------------------|--|
| <b>Western Blotting</b> | Anti C21orf33 detects a band of approximately 27 kDa in HEK293 cell lysate |
|-------------------------|--|

---

|                |  |
|----------------|--|
| <b>Storage</b> | Store undiluted at -20°C, avoiding repeated freeze thaw cycles |
|----------------|--|

---

|                  |                                 |
|------------------|---------------------------------|
| <b>Guarantee</b> | 12 months from date of despatch |
|------------------|---------------------------------|

---

|                         |   |
|-------------------------|---|
| <b>Acknowledgements</b> | PrecisionAb is a trademark of Bio-Rad Laboratories. |
|-------------------------|---|

---

|                                      |  |
|--------------------------------------|--|
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00379">https://www.bio-rad-antibodies.com/SDS/VPA00379</a><br>Antibody (10040) |
|--------------------------------------|--|

---

|                   |                            |
|-------------------|----------------------------|
| <b>Regulatory</b> | 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](https://www.bio-rad-antibodies.com/datasheets)

'M370725:200529'

Printed on 13 Aug 2023