Datasheet: VPA00351

<table>
<thead>
<tr>
<th>Description:</th>
<th>RABBIT ANTI CALRETININ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>CALRETININ</td>
</tr>
<tr>
<td>Format:</td>
<td>Purified</td>
</tr>
<tr>
<td>Product Type:</td>
<td>PrecisionAb™ Polyclonal</td>
</tr>
<tr>
<td>Isotype:</td>
<td>Polyclonal IgG</td>
</tr>
<tr>
<td>Quantity:</td>
<td>100 µl</td>
</tr>
</tbody>
</table>

**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).

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1/1000</td>
</tr>
</tbody>
</table>

Western Blotting

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](http://www.bio-rad-antibodies.com/protocols) 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 dependant on sample type.

**Target Species**

Human

**Species Cross Reactivity**

Reacts with: Rat

**N.B.** Antibody reactivity and working conditions may vary between species.

**Product Form**

Purified IgG - liquid

**Preparation**

Rabbit polyclonal antibody purified by affinity chromatography

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide (NaN₃)  
2% Sucrose

**Immunogen**

Synthetic peptide corresponding to the N-terminal region of human calretinin.

**External Database Links**

**UniProt:**  
P22676  Related reagents

**Entrez Gene:**  
794  CALB2  Related reagents

**Synonyms**

CAB29
### Specificity

**Rabbit anti Human calretinin antibody** recognizes calretinin, also known as 29 kDa calbindin, calbindin 2 and calbindin D29K.

Calretinin is an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants (provided by RefSeq, Jun 2010).

Rabbit anti Human calretinin antibody detects a band of 31 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

### Western Blotting

Anti calretinin detects a band of approximately 31 kDa in HEK293 cell lysate.

### Storage

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

### Guarantee

As supplied, 12 months from date of despatch.

### Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

### Health And Safety Information


### Regulatory

For research purposes only.

### Related Products

**Recommended Secondary Antibodies**

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

© 2019 Bio-Rad Laboratories Inc  |  [Legal](#)  |  [Imprint](#)