

## Datasheet: VPA00175

<b>Description:</b>	RABBIT ANTI HISTONE DEACETYLASE 1
<b>Specificity:</b>	HISTONE DEACETYLASE 1
<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, 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 (NaN<sub>3</sub>)  
1% Bovine Serum Albumin  
<50% Glycerol

### Immunogen

Synthetic peptide corresponding to an internal region of human histone deacetylase 1

<b>External Database Links</b>	<b>UniProt:</b> <a href="#">Q13547</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">3065</a> HDAC1 <a href="#">Related reagents</a>
<b>Synonyms</b>	RPD3L1
<b>Specificity</b>	<p><b>Rabbit anti Human histone deacetylase 1 antibody</b> recognizes histone deacetylase 1, also known as HDAC1.</p> <p>Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA.</p> <p>Rabbit anti Human histone deacetylase 1 antibody detects a band of 62 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti histone deacetylase 1 detects a band of approximately 62 kDa in Jurkat cell lysates.
<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 #10048 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00175">https://www.bio-rad-antibodies.com/SDS/VPA00175</a> Antibody (10048)
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

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