

Datasheet: VPA00171

**BATCH NUMBER 140715**

<b>Description:</b>	RABBIT ANTI HISTONE DEACETYLASE 6
<b>Specificity:</b>	HISTONE DEACETYLASE 6
<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> ) 1% Bovine Serum Albumin <30% Glycerol
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids close to the N terminus of human histone deacetylase 6
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

[10013](#) HDAC6 [Related reagents](#)

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**Synonyms** KIAA0901

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**Specificity** **Rabbit anti Human histone deacetylase 6 antibody** recognizes histone deacetylase 6, also known as HDAC6.

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. Encoded by HDAC6 gene, histone deacetylase 6 belongs to class II of the histone deacetylase/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription (provided by RefSeq, Jul 2008).

Rabbit anti Human histone deacetylase 6 antibody detects a band of 160 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti histone deacetylase 6 detects a band of approximately 160 kDa in HEK293 cell lysates.

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

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10048 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00171> Antibody (10048)

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**Regulatory** For research purposes only

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## 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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