

Datasheet: AHP3079

BATCH NUMBER 160755

| | |
|----------------------|-------------------------|
| Description: | RABBIT ANTI HUMAN JMJD6 |
| Specificity: | JMJD6 |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.1 ml |

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.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/500 - 1/1000 |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

| | |
|---------------------------------|--|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Antiserum Preparation | Antiserum to human JMJD6 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.035% Sodium Azide (NaN ₃) 30% Glycerol |
| Carrier Free | Yes |
| Immunogen | A peptide within the N-terminal region of human JMJD6 |

External Database Links

UniProt:

[Q6NYC1](#)

[Related reagents](#)

Entrez Gene:[23210](#) JMJD6 [Related reagents](#)

Synonyms KIAA0585, PTDSR

Specificity **Rabbit anti Human JMJD6 antibody** recognizes bifunctional arginine demethylase and lysyl-hydroxylase JMJD6.

JMJD6 is a member of the alpha-ketoglutarate-dependent hydroxylase superfamily located in the nucleus of eukaryotic cells ([Vandivier et al. 2002](#)). JMJD6 plays a role in phagocytosis of apoptotic cells and may function as protein hydroxylase or a histone demethylase and play a role in angiogenesis ([Boeckel et al. 2011](#)). Aberrant levels of JMJD6 have also been observed in some breast cancers and may be associated with increased tumor aggressiveness and metastasis ([Aprelikova et al. 2016](#)).

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3079>
10049

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)Sheep Anti Rabbit IgG (STAR35...) [RPE](#)Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)**North & South America** Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: 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**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: 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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