BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-JMJD4 Antibody

**Catalog Number:** A16245

## About JMJD4

The jumonji domain-containing protein (JMJD) family is defined by the presence of the JmjC domain that is observed in several diverse species. While several JMJD proteins have been identified as being involved in chromatin regulation, histone demethylation and development, the JMJD4 has not been identified. JMJD4 is expressed in multiple tissues and At least three isoforms of JMJD4 are known to exist.

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## Overview

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| Product Name | Anti-JMJD4 Antibody |
| Reactive Species | Human, Rat |
| Description | Boster Bio Anti-JMJD4 Antibody (Catalog # A16245). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Rat. |
| Application | ELISA, IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | JMJD4 Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | JMJD4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q9H9V9 |

## Technical Details

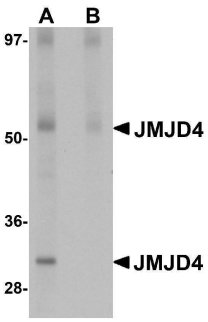
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| Immunogen | JMJD4 antibody was raised against a 17 amino acid synthetic peptide from near the amino terminus of human JMJD4. The immunogen is located within amino acids 130 - 180 of JMJD4. |
| Predicted Reactive Species | Mouse |
| Cross Reactivity | This antibody will not recognize other members of the JMJD family. |
| Isotype | IgG |

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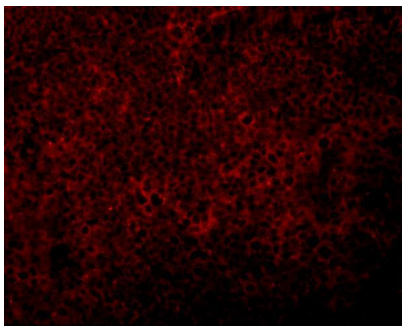
| | |
|---|---|
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | JMJD4 Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | JMJD4 antibody can be used for detection of JMJD4 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 5 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

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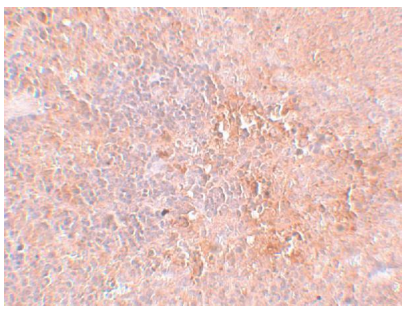
# Anti-JMJD4 Antibody (A16245) Images




Western blot analysis of JMJD4 in human spleen tissue lysate with JMJD4 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of JMJD4 in rat spleen tissue with JMJD4 antibody at 5 ug/mL.



Immunohistochemistry of JMJD4 in rat spleen tissue with JMJD4 antibody at 2.5 ug/mL.



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