

## 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.

### Overview

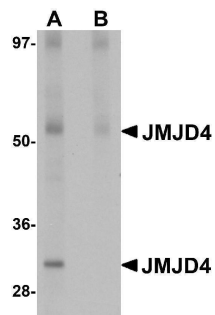
Product Name	Anti-JMJD4 Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-JMJD4 Antibody (Catalog # A16245). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	JMJD4 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	JMJD4 antibody can be stored at 4°C for three months and -20°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

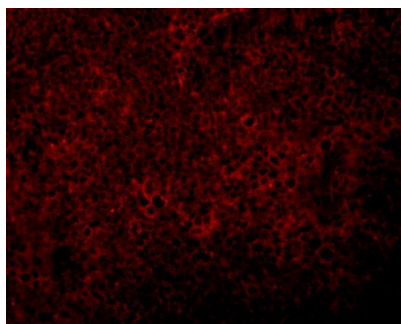
Immunogen	JMJD4 antibody was raised against a 17 amino acid synthetic peptide from near the amino terminus of human JMJD4. The immunogen is located within amino acids 130 - 180 of JMJD4.
Predicted Reactive Species	Mouse
Cross Reactivity	This antibody will not recognize other members of the JMJD family.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

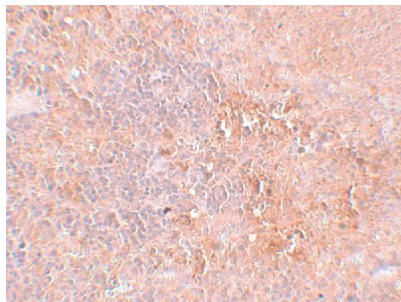
## Anti-JMJD4 Antibody (A16245) Images



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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Anti-JMJD4 Antibody

For Research Use Only. Not for use in diagnostic procedures.