

Anti-JMJD7 Antibody

Catalog Number: A16698

About JMJD7

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 function of JMJD7 has not been identified. JMJD7 was initially thought to be a novel splice form of the phospholipase PLA2G4B which is located downstream of JMJD7 as most tissues express a read-through transcript of the two genes.

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Overview

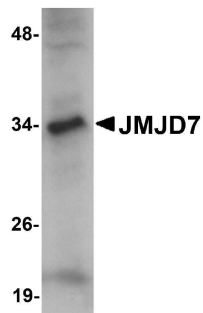
Product Name	Anti-JMJD7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-JMJD7 Antibody (Catalog # A16698). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	JMJD7 Antibody is supplied in PBS containing $\leq 0.09\%$ sodium azide.
Storage Instructions	JMJD7 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	P0C870

Technical Details

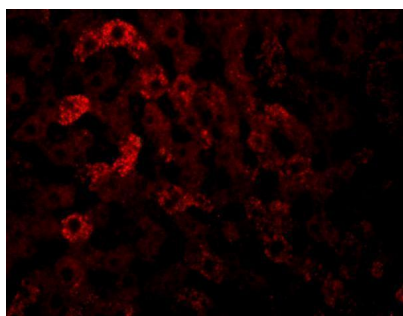
Immunogen	JMJD7 antibody was raised against an 18 amino acid synthetic peptide from near the carboxy terminus of human JMJD7. The immunogen is located within amino acids 230 - 280 of JMJD7.
Predicted Reactive Species	Bovine, Pig
Isotype	IgG

Form	Liquid
Concentration	1 mg/mL
Purification	JMJD7 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	JMJD7 antibody can be used for detection of JMJD7 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse 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.

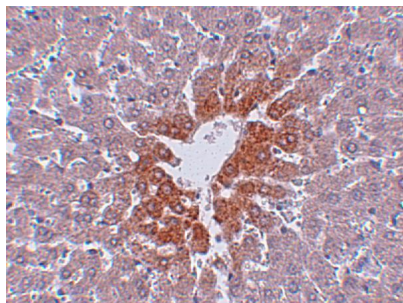
Anti-JMJD7 Antibody (A16698) Images



Western blot analysis of JMJD7 in 3T3 cell lysate with JMJD7 antibody at 1 ug/mL.



Immunofluorescence of JMJD7 in rat liver tissue with JMJD7 antibody at 20 ug/mL.



Immunohistochemistry of JMJD7 in rat liver tissue with JMJD7 antibody at 2.5 ug/mL.

Anti-JMJD7 Antibody

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