

JMJD8 Antibody

Catalog # ASC10975

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q96S16
Other Accession	Q96S16 , 74717267
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	29509
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	JMJD8 antibody can be used for detection of JMJD8 by Western blot at 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Additional Information

Gene ID	339123
Other Names	JmjC domain-containing protein 8, Jumonji domain-containing protein 8, JMJD8, C16orf20
Target/Specificity	JMJD8;
Reconstitution & Storage	JMJD8 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	JMJD8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	JMJD8 (HGNC:14148)
Function	Functions as a positive regulator of TNF-induced NF-kappa-B signaling (PubMed: 27671354). Regulates angiogenesis and cellular metabolism through interaction with PKM (PubMed: 27199445).
Cellular Location	Endoplasmic reticulum lumen. Cytoplasm

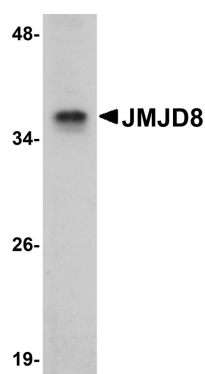
Background

JMJD8 Antibody: 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 JMJD8 has not been identified.

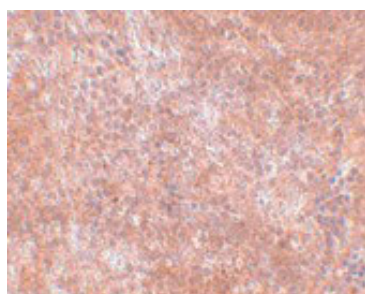
References

Takeuchi T, Watanabe Y, Takano-Shimizu T, et al. Roles of jumonji and jumonji family genes in chromatin regulation and development. *Dev. Dyn.*2006; 235:2449-59.

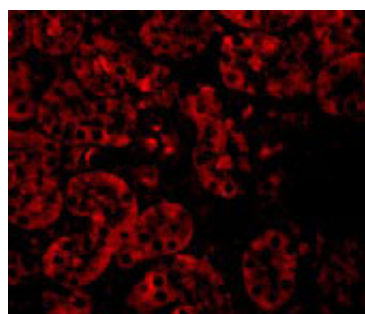
Images



Western blot analysis of JMJD8 in rat kidney tissue lysate with JMJD8 antibody at 1 $\mu\text{g/mL}$.



Immunohistochemistry of JMJD8 in mouse spleen tissue with JMJD8 antibody at 2.5 $\mu\text{g/mL}$.



Immunofluorescence of JMJD8 in Mouse Kidney cells with JMJD8 antibody at 20 $\mu\text{g/mL}$.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.