

JMJD2A Polyclonal Antibody

Catalog NumberPA5-20806

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	A 14 amino acid peptide from near the center of human JMJD2A.	Immunohistochemistry (IHC)	5 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	1-2 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is rat liver tissue lysate. PA5-20806 can be used with blocking peptide PEP-0920.

Background/Target Information

JMJD2A is a member of the Jumonji domain 2 (JMJD2) family and a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor.

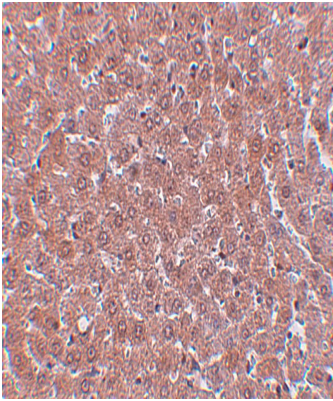
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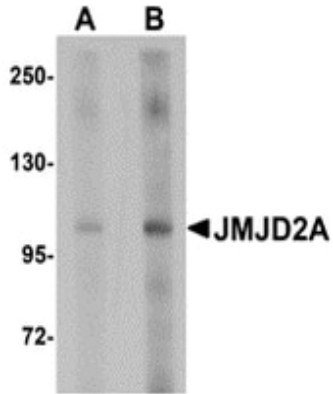
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Product Images For JMJD2A Polyclonal Antibody



**JMJD2A Antibody (PA5-20806) in IHC**  
Immunohistochemistry of JMJD2A in rat liver tissue with JMJD2A Polyclonal Antibody (Product # PA5-20806) at 5 µg /mL.



**JMJD2A Antibody (PA5-20806) in WB**  
Western Blot analysis of JMJD2A in rat liver tissue lysate with JMJD2A Polyclonal Antibody (Product # PA5-20806) at (A) 1 and (B) 2 µg/mL.

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