

# Product Datasheet

## JMJD1C Antibody - BSA Free

### NBP1-77072

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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**NBP1-77072**

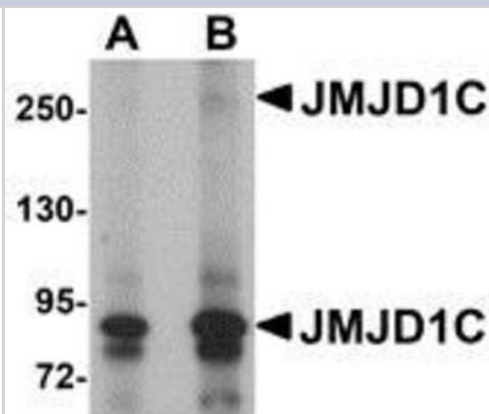
JMJD1C Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	221037
Gene Symbol	JMJD1C
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody will not cross-react with JMJD1A or JMJD1B.
Immunogen	Antibody was raised against a 20 amino acid synthetic peptide from near the amino terminus of human JMJD1C. The immunogen is located within amino acids 380 - 430 of JMJD1C. Amino Acid Sequence: SEQKPENELKNKNTSKINGE
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/ml

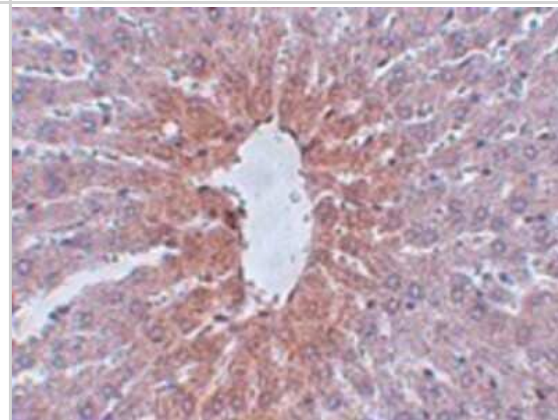


## Images

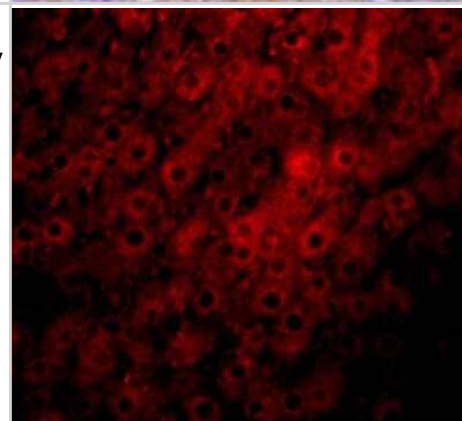
Western Blot: JMJD1C Antibody [NBP1-77072] - Human liver tissue lysate with JMJD1C antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry-Paraffin: JMJD1C Antibody [NBP1-77072] - Rat liver tissue with JMJD1C antibody at 2.5 ug/ml.



Immunohistochemistry: JMJD1C Antibody [NBP1-77072] - Immunofluorescence of JMJD1C in rat liver tissue with JMJD1C antibody at 20 ug/mL.



## Publications

Zhang C, Sun Y, Guo Y et al. JMJD1C promotes smooth muscle cell proliferation by activating glycolysis in pulmonary arterial hypertension Cell death discovery 2023-03-18 [PMID: 36934091] (IHC-P, Mouse)



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### **Products Related to NBP1-77072**

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NBP1-77072PEP	JMJD1C Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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