

# Product Datasheet

## JMJD2B Antibody (8I0I1)

### NBP3-16639-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16639-100ul**

JMJD2B Antibody (8I0I1)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	8I0I1
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA

**Product Description**

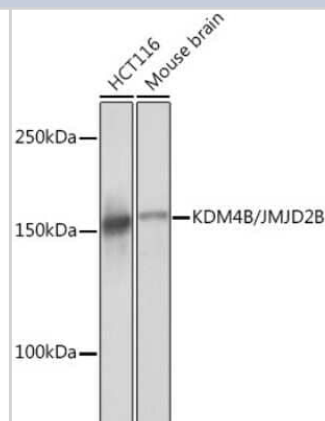
<b>Host</b>	Rabbit
<b>Gene ID</b>	23030
<b>Gene Symbol</b>	KDM4B
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human JMJD2B (O94953). PPKEWKPRQTYDDIDDVVIPAPIQQVVTGQSGFLTQYNIQKKAMTVGEYRRLA NSEKYCTPRHQDFDDLERYWKNLTFVSPYIGADISGSLYDDDVAQWN

**Product Application Details**

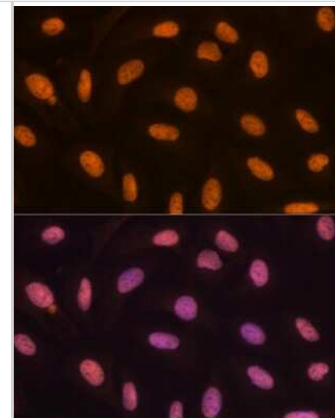
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Chromatin Immunoprecipitation (ChIP) 1:500 - 1:1000

**Images**

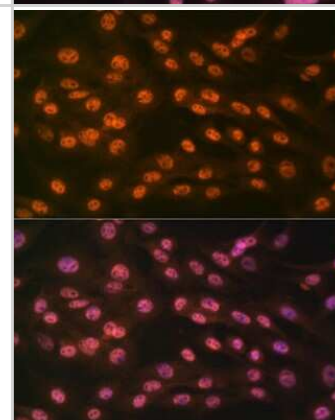
Western Blot: JMJD2B Antibody (8I0I1) [NBP3-16639] - Western blot analysis of extracts of various cell lines, using JMJD2B Rabbit mAb (NBP3-16639) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



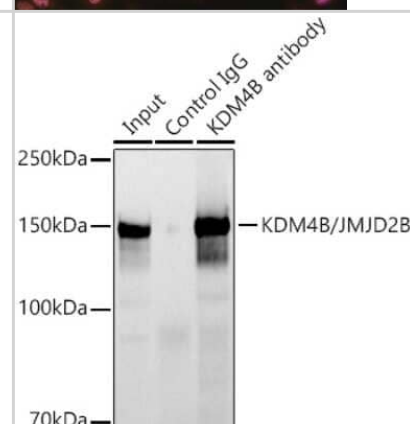
Immunocytochemistry/Immunofluorescence: JMJD2B Antibody (8I0I1) [NBP3-16639] - Immunofluorescence analysis of U-2 OS cells using JMJD2B Rabbit mAb (NBP3-16639) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



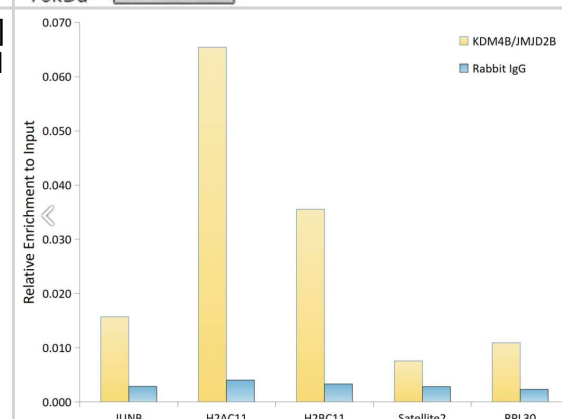
Immunocytochemistry/Immunofluorescence: JMJD2B Antibody (8I0I1) [NBP3-16639] - Immunofluorescence analysis of C6 cells using JMJD2B Rabbit mAb (NBP3-16639) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



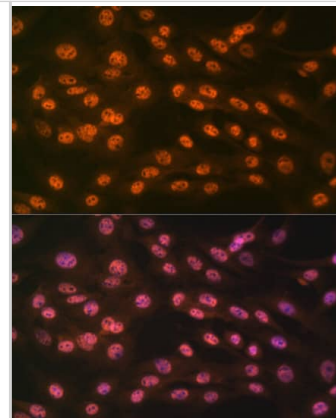
Immunoprecipitation: JMJD2B Antibody (8I0I1) [NBP3-16639] - Immunoprecipitation analysis of 300ug extracts of HCT116 cells using 3ug JMJD2B antibody (NBP3-16639). Western blot was performed from the immunoprecipitate using JMJD2B antibody (NBP3-16639) at a dilution of 1:1000.



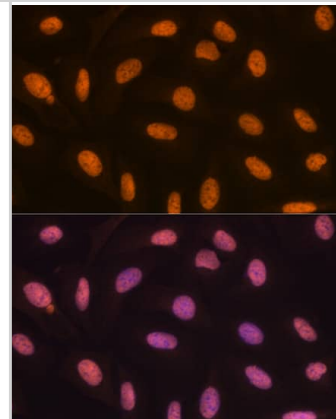
Chromatin Immunoprecipitation- JMJD2B Antibody (8I0I1) [NBP3-16639] - Analysis of extracts of 5637; cells, using KDM4B/JMJD2B antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



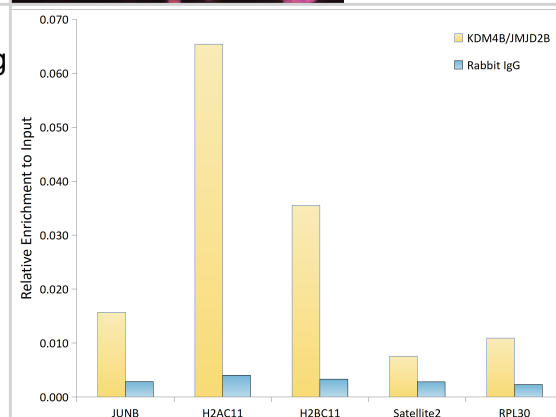
Immunocytochemistry/ Immunofluorescence: JMJD2B Antibody (8I0I1) [NBP3-16639] - Immunofluorescence analysis of C6 cells using JMJD2B Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



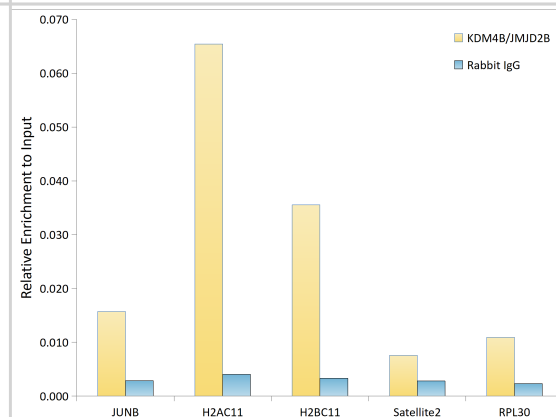
Immunocytochemistry/ Immunofluorescence: JMJD2B Antibody (8I0I1) [NBP3-16639] - Immunofluorescence analysis of U-2 OS cells using JMJD2B Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



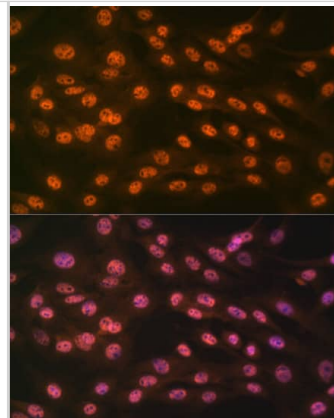
Chromatin Immunoprecipitation: JMJD2B Antibody (8I0I1) [NBP3-16639] - Chromatin immunoprecipitation analysis of extracts of 5637 cells, using JMJD2B antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Chromatin Immunoprecipitation: JMJD2B Antibody (8I0I1) [JMJD2B] - Chromatin immunoprecipitation analysis of extracts of 5637 cells, using JMJD2B antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunocytochemistry/ Immunofluorescence: JMJD2B Antibody (8I0I1) [JMJD2B] - Immunofluorescence analysis of C6 cells using JMJD2B Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56243PEP	JMJD2B Recombinant Protein Antigen

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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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