

Product Datasheet

JMJD2B Antibody (JE36-58)

NBP3-32494

Unit Size: 100 ul

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

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JMJD2B Antibody (JE36-58)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE36-58
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	122 kDa
Product Description	
Host	Rabbit
Gene ID	23030
Gene Symbol	KDM4B
Species	Human, Mouse
Immunogen	Synthetic peptide within Human JMJD2B aa 97-146 / 1,096. (Uniprot: O94953)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:250, Immunohistochemistry-Paraffin 1:200



Images

Western Blot: JMJD2B Antibody (JE36-58) [NBP3-32494] - Western blot analysis of JMJD2B on different lysates with Rabbit anti-JMJD2B antibody (NBP3-32494) at 1/1,000 dilution.

Lane 1: HeLa cell lysate (20 ug/Lane)
Lane 2: HCT116 cell lysate (20 ug/Lane)
Lane 3: SW480 cell lysate (20 ug/Lane)
Lane 4: Mouse testis tissue lysate (40 ug/Lane)

Predicted band size: 121 kDa
Observed band size: 150 kDa

Exposure time: 42 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32494) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

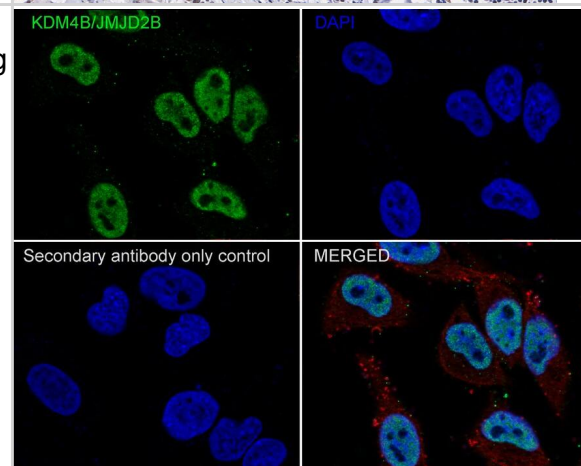
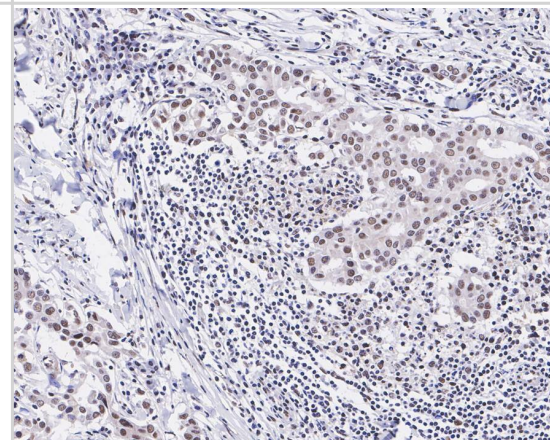
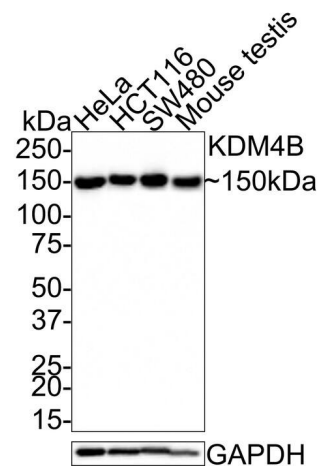
Immunohistochemistry: JMJD2B Antibody (JE36-58) [NBP3-32494] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue with Rabbit anti-JMJD2B antibody (NBP3-32494) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32494) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunocytochemistry/ Immunofluorescence: JMJD2B Antibody (JE36-58) [NBP3-32494] - Immunocytochemistry analysis of HeLa cells labeling JMJD2B with Rabbit anti-JMJD2B antibody (NBP3-32494) at 1/250 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-JMJD2B antibody (NBP3-32494) at 1/250 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32494

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

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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