

Product Datasheet

SETDB1 Antibody NBP2-20322

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 6/25/2024 v.20.1

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NBP2-20322

SETDB1 Antibody

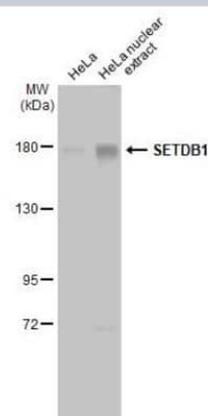
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	143 kDa

Product Description	
Host	Rabbit
Gene ID	9869
Gene Symbol	SETDB1
Species	Human, Mouse
Immunogen	Recombinant protein encompassing a sequence within the center region of human SETDB1. The exact sequence is proprietary.

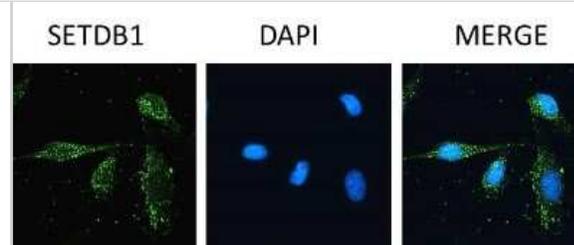
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin Assay dependent, Proximity Ligation Assay Reported in scientific literature (PMID:31682228), Chromatin Immunoprecipitation (ChIP) Assay dependent

Images

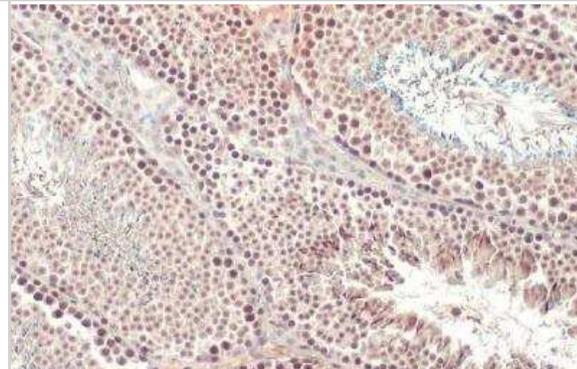
Western Blot: SETDB1 Antibody [NBP2-20322] - HeLa whole cell and nuclear extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with SETDB1 antibody [N2C1], Internal diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



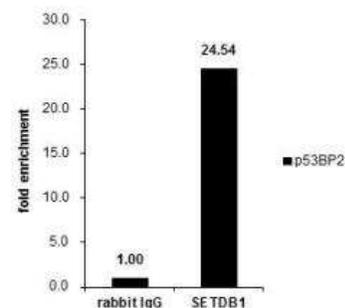
Immunocytochemistry: SETDB1 Antibody [NBP2-20322] - Paraformaldehyde Fixed Human Dermal Microvascular Endothelial Cells were immunostained with 1:100 dilution of pAb. Image submitted by a verified customer review.



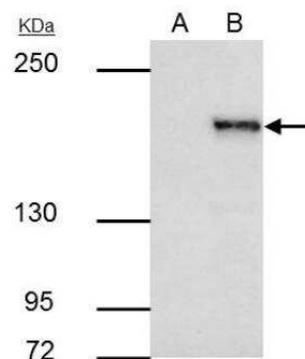
Immunohistochemistry-Paraffin: SETDB1 Antibody [NBP2-20322] - Mouse testis. SETDB1 stained by SETDB1 antibody [N2C1], Internal diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



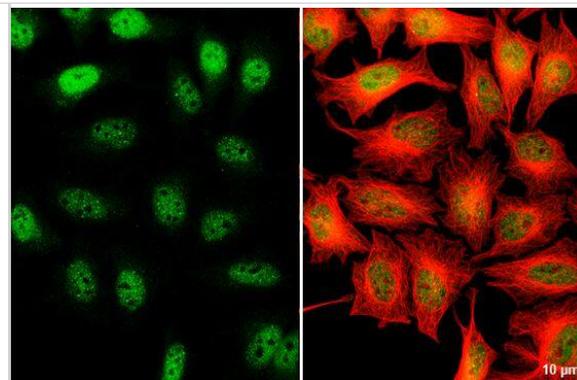
Chromatin Immunoprecipitation (ChIP): SETDB1 Antibody [NBP2-20322] - Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit IgG or anti-SETDB1 antibody.



Immunoprecipitation: SETDB1 Antibody [NBP2-20322] - HeLa nuclear extract A. Control with 4 ug of preimmune Rabbit IgG B. Immunoprecipitation of SETDB1 protein by 4 ug SETDB1 antibody [N2C1], Internal 5 % SDS-PAGE The immunoprecipitated SETDB1 protein was detected by SETDB1 antibody [N2C1], Internal diluted at 1:1000. [EasyBlot anti-rabbit IgG was used as a secondary reagent]



ICC/IF-SETDB1 Antibody [NBP2-20322] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: SETDB1 stained by SETDB1 antibody [N2C1], Internal diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [114] diluted at 1:1000. Scale bar= 10um.



Publications

Lin J, Guo D, Liu H et al. The SETDB1-TRIM28 Complex Suppresses Antitumor Immunity Cancer Immunology Research 2021-12-01 [PMID: 34848497] (IHC)

Roy A, Ghosh A, Kumar B, Chandran B IFI16, a nuclear innate immune DNA sensor, mediates epigenetic silencing of herpesvirus genomes by its association with H3K9 methyltransferases SUV39H1 and GLP Elife 2019-11-04 [PMID: 31682228] (WB, IP, Chemotaxis, ICC/IF, PLA, Human)



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Products Related to NBP2-20322

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00009869-Q02-10ug	Recombinant Human SETDB1 GST (N-Term) Protein

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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