

Product Datasheet

SETDB1 Antibody - BSA Free NBP2-20322

Unit Size: 0.1 ml

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

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Updated 9/25/2025 v.20.1

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NBP2-20322

SETDB1 Antibody - BSA Free

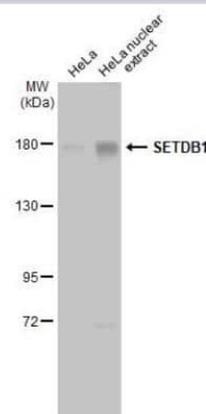
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity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

Product Description	
Description	Novus Biologicals Rabbit SETDB1 Antibody - BSA Free (NBP2-20322) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. Anti-SETDB1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

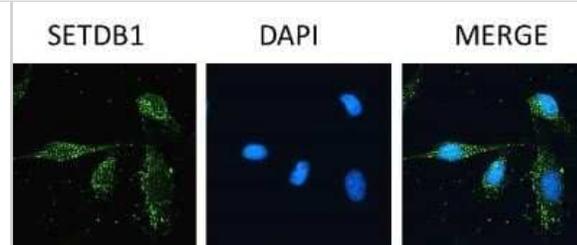
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 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

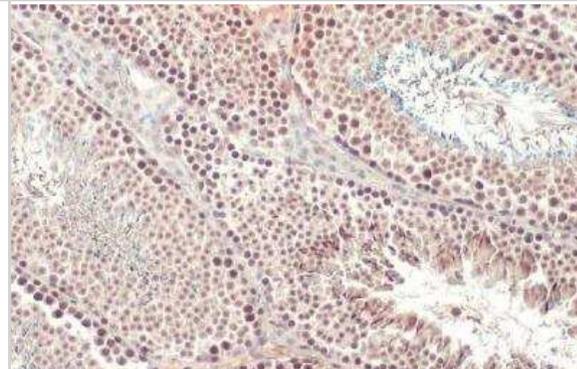
Western Blot: SETDB1 Antibody [NBP2-20322] - HeLa whole cell and nuclear extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with SETDB1 antibody [N2C1], Internal diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



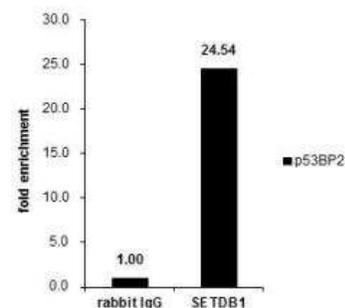
Immunocytochemistry: SETDB1 Antibody [NBP2-20322] - Paraformaldehyde Fixed Human Dermal Microvascular Endothelial Cells were immunostained with 1:100 dilution of pAb. Image submitted by a verified customer review.



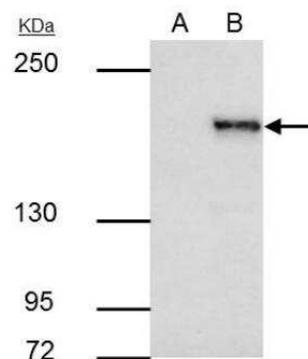
Immunohistochemistry-Paraffin: SETDB1 Antibody [NBP2-20322] - Mouse testis. SETDB1 stained by SETDB1 antibody [N2C1], Internal diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



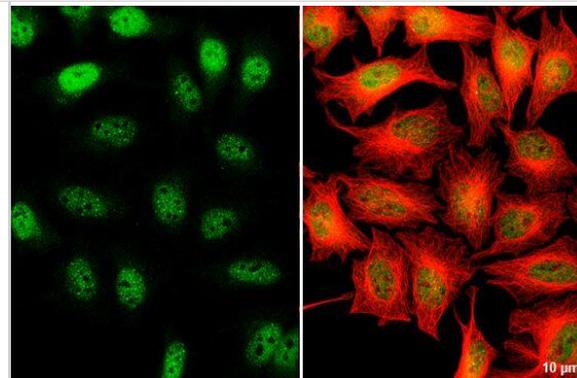
Chromatin Immunoprecipitation (ChIP): SETDB1 Antibody [NBP2-20322] - Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit IgG or anti-SETDB1 antibody.



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] (Chemotaxis, Immunoprecipitation, Western Blot, Proximity Ligation Assay, Immunocytochemistry/ Immunofluorescence, Human)

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
NBP2-56678PEP	SETDB1 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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