

Product Datasheet

SETDB1 Antibody NBP2-20321

Unit Size: 0.1 ml

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

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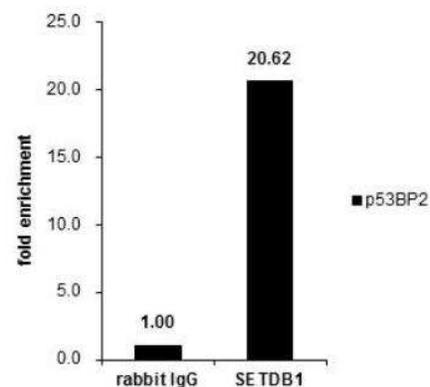
NBP2-20321

SETDB1 Antibody

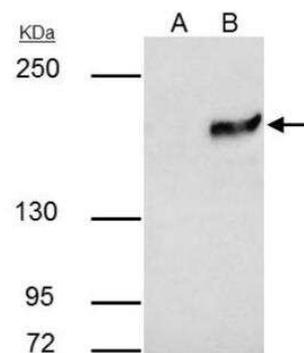
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	143 kDa
Product Description	
Description	Novus Biologicals Rabbit SETDB1 Antibody (NBP2-20321) is a polyclonal antibody validated for use in IHC, WB, IP and ChIP. Anti-SETDB1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9869
Gene Symbol	SETDB1
Species	Human, Mouse
Reactivity Notes	Rat (89%).
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, Immunohistochemistry, In vitro assay, Immunoprecipitation, Block/Neutralize, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin Assay dependent, In vitro assay Reported in scientific literature (PMID: 24844442), Chromatin Immunoprecipitation (ChIP) Assay dependent, Block/Neutralize Reported in scientific literature (PMID: 24844442)

Images

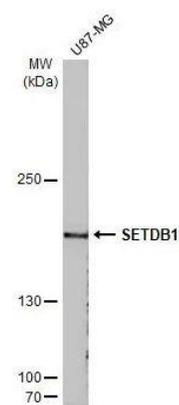
Chromatin Immunoprecipitation: SETDB1 Antibody [NBP2-20321] - Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit IgG or anti-SETDB1 antibody. The precipitated DNA was detected by PCR with primer set targeting to P53P2.



Immunoprecipitation: SETDB1 Antibody [NBP2-20321] - IP samples: HeLa nuclear extract A. Control with 4 ug of preimmune Rabbit IgG B. Immunoprecipitation of SETDB1 protein by 4 ug SETDB1 antibody [N1], N-term 5 % SDS-PAGE The immunoprecipitated SETDB1 protein was detected by SETDB1 antibody [N1], N-term diluted at 1:1000. [EasyBlot anti-rabbit IgG was used as a secondary reagent].



Western Blot: SETDB1 Antibody [NBP2-20321] - Whole cell extract (30 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with SETDB1 antibody [N1], N-term diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Publications

Skuland T, Ovrevik J, Lag M et al. Silica nanoparticles induce cytokine responses in lung epithelial cells through activation of a p38/TACE/TGF-alpha/EGFR-pathway and NF-kbeta signalling. *Toxicol. Appl. Pharmacol.* 2014-05-17 [PMID: 24844442] (In vitro, B/N, Human)

Details:
BEAS-2B cells, Fig 5A, B. Cells were pretreated with the NFkB p65 inhibitor (50 uM) for 1 hr prior to silica nanoparticle (Si50) exposure. The NFkB p65 inhibitor markedly reduced IL-6 and CXCL8 responses to Si50.



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Products Related to NBP2-20321

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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