

SETDB1 antibody [N1], N-term

Cat. No. GTX115305

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IP, ChIP assay
Reactivity	Human, Mouse

References (4)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 143 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.53 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human SETDB1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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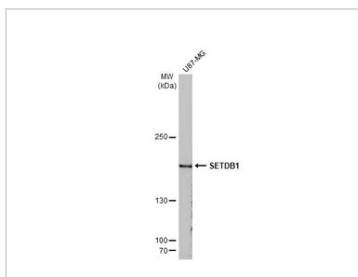
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Note

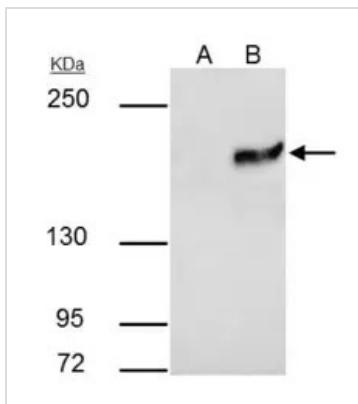
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DATA IMAGES



GTX115305 WB Image

Whole cell extract (30 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with SETDB1 antibody [N1], N-term (GTX115305) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX115305 IP Image

SETDB1 antibody [N1], N-term immunoprecipitates SETDB1 protein in IP experiments.

IP samples: HeLa nuclear extract

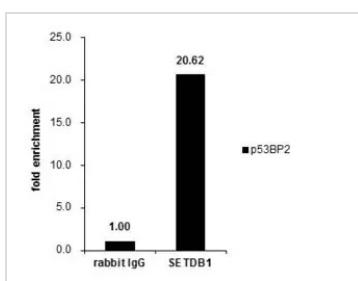
A. Control with 4 µg of preimmune Rabbit IgG

B. Immunoprecipitation of SETDB1 protein by 4 µg SETDB1 antibody [N1], N-term (GTX115305)

5 % SDS-PAGE

The immunoprecipitated SETDB1 protein was detected by SETDB1 antibody [N1], N-term (GTX115305) diluted at 1:1000.

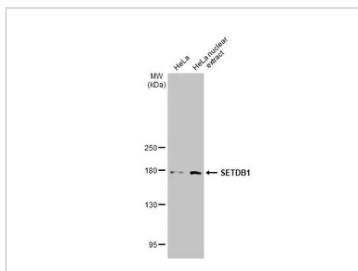
[EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]



GTX115305 ChIP assay Image

Cross-linked ChIP was performed with HeLa chromatin extract and 5 µg of either control rabbit IgG or anti-SETDB1 antibody. The precipitated DNA was detected by PCR with primer set targeting to P53P2.

ChIP experiment and primer designs are based on [J Biol Chem. 2006 Jul 14;281\(28\):19489-500.](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1489500/)



GTX115305 WB Image

HeLa whole cell and nuclear extract (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with SETDB1 antibody [N1], N-term (GTX115305) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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