

Product Datasheet

Cbx8 Antibody - BSA Free NB110-38870

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB110-38870

Cbx8 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	43 kDa

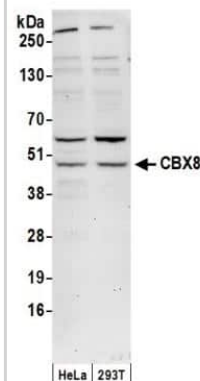
Product Description	
Description	Novus Biologicals Rabbit Cbx8 Antibody - BSA Free (NB110-38870) is a polyclonal antibody validated for use in WB, IP and ChIP. Anti-Cbx8 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57332
Gene Symbol	CBX8
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 350 and the C-terminus (residue 389) of human Chromobox homolog 8 using the numbering given in entry NP_065700.1 (GeneID 57332).

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-5 ug/mg lysate, Chromatin Immunoprecipitation Sequencing

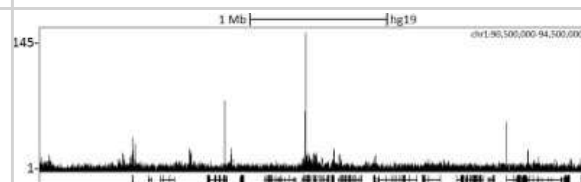


Images

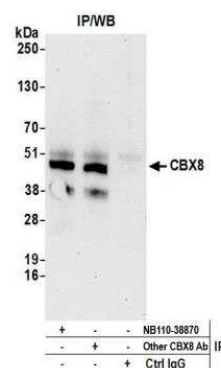
Western Blot: Cbx8 Antibody [NB110-38870] - Detection of Human CBX8 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CBX8 antibody NB110-38870 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Chromatin Immunoprecipitation Sequencing: Cbx8 Antibody [NB110-38870] - Localization of CBX8 Binding Sites by ChIP-sequencing. Chromatin from K562 cells was immunoprecipitated with anti-CBX8 antibody NB110-38870 and analyzed by DNA sequencing. The figure illustrates the peak distribution of CBX8 binding within a 4 Mb region of chromosome 1 as detected using anti-CBX8 antibody NB110-38870. ChIP-seq validation performed by Diogenode, Denville, NJ.



Immunoprecipitation: Cbx8 Antibody [NB110-38870] - Detection of human CBX8 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CBX8 antibody NB110-38870 used for IP at 6 ug per reaction. CBX8 was also immunoprecipitated by rabbit anti-CBX8 antibody from Company B. For blotting immunoprecipitated CBX8, NB110-38870 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Kato H, Asamitsu K, Sun W et al. Cancer-derived UTX TPR mutations G137V and D336G impair interaction with MLL3/4 complexes and affect UTX subcellular localization *Oncogene* 2020-02-18 [PMID: 32071397] (WB, Human)

Lee SH, Um SJ, Kim EJ. CBX8 antagonizes the effect of Sirtinol on premature senescence through the AKT-RB-E2F1 pathway in K562 leukemia cells. *Biochem Biophys Res Commun* 2016-01-22 [PMID: 26718407]

Maertens GN, El Messaoudi-Aubert S, Elderkin S et al. Ubiquitin-specific proteases 7 and 11 modulate Polycomb regulation of the INK4a tumour suppressor. *EMBO J* 2010-08-01 [PMID: 20601937]



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Products Related to NB110-38870

NB800-PC1	HeLa Whole Cell Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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