Product Datasheet

RBBP4/RbAp48 Antibody (11G10) - Azide and BSA Free
NB500-123

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Reviews: 1 Publications: 5

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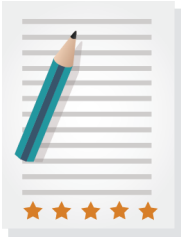
www.novusbio.com/NB500-123

Updated 9/9/2025 v.20.1



NB500-123

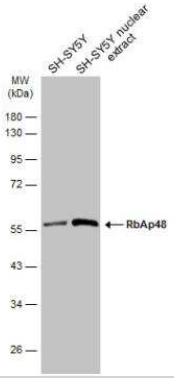
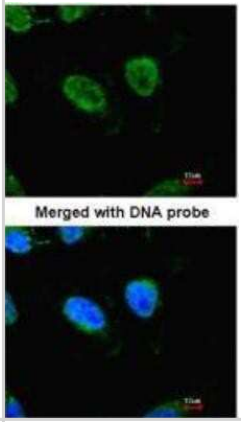
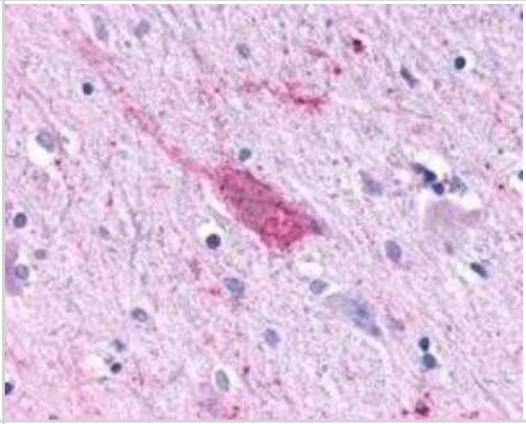
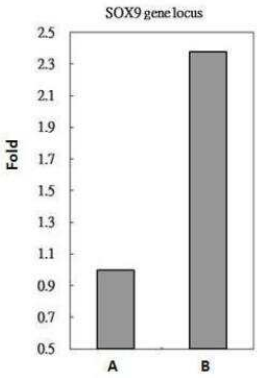
RBBP4/RbAp48 Antibody (11G10) - Azide and BSA Free

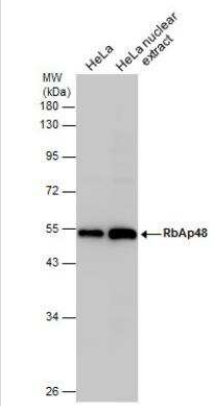
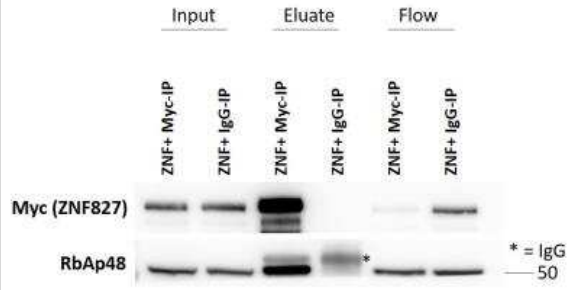
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11G10
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	48 kDa

Product Description	
Description	Novus Biologicals Mouse RBBP4/RbAp48 Antibody (11G10) - Azide and BSA Free (NB500-123) is a monoclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. Anti-RBBP4/RbAp48 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5928
Gene Symbol	RBBP4
Species	Human, Mouse
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This is specific for full length RbAp48.
Immunogen	The complete coding region (amino acids 1-425) of RBBP4/RbAp48 expressed in E. coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Block/Neutralize, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500 - 1:3000, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:500 - 1:1000, Immunoprecipitation, Immunohistochemistry-Paraffin 1:100 - 1:1000, Functional, Chromatin Immunoprecipitation (ChIP), Block/Neutralize
Application Notes	ICC/IF: Permeabilization step recommended.

Images

Western Blot: RBBP4/RbAp48 Antibody (11G10) [NB500-123] - SH-SY5Y whole cell and nuclear extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with RbAp48 antibody [11G10] diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.	
Immunocytochemistry/Immunofluorescence: RbAp48 Antibody (1D11) [NB500-123] - Immunofluorescence analysis of HeLa, using RbAp48 antibody at 1:100 dilution.	
Immunohistochemistry: RbAp48 Antibody (1D11) [NB500-123]	
Chromatin Immunoprecipitation: RBBP4/RbAp48 Antibody (11G10) [NB500-123] - HeLa whole cell lysate/extract A. 5 ug preimmune mouse IgG B. 5 ug of RbAp48 antibody. The precipitated DNA was detected by PCR with primer set targeting to SOX9 gene locus.	

Western Blot: RBBP4/RbAp48 Antibody (11G10) [NB500-123] - HeLa whole cell and nuclear extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with RbAp48 antibody [11G10] diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.	
Immunoprecipitation: RBBP4/RbAp48 Antibody (11G10) [NB500-123] - Myc-tag antibody immunoprecipitation confirmed pulldown of NuRD component RbAp48 which is known to interact with ZNF827. * denotes IgG band at 55 kDa. Image submitted by a verified customer review.	

Publications

Yang SF, Sun AA, Shi Y et al. Structural and functional characterization of the RBBP4-ZNF827 interaction and its role in NuRD recruitment to telomeres. Biochem. J. 2018-07-25 [PMID: 30045876] (WB, Human)

Yamagoe S, Kanno T, Kanno Y et al. Interaction of histone acetylases and deacetylases in vivo. Mol Cell Biol 2003-02-01 [PMID: 12529406] (Human)

Zegerman P, Canas B, Pappin D et al. Histone H3 lysine 4 methylation disrupts binding of nucleosome remodeling and deacetylase (NuRD) repressor complex. J Biol Chem 2002-04-01 [PMID: 11850414] (Human)

Nicolas E, Ait-Si-Ali S, Trouche D. The histone deacetylase HDAC3 targets RbAp48 to the retinoblastoma protein. Nucleic Acids Res 2001-08-01 [PMID: 11470869] (Human)

Nicolas E, Morales V, Magnaghi-Jaulin L et al. RbAp48 belongs to the histone deacetylase complex that associates with the retinoblastoma protein. J Biol Chem 2000-03-01 [PMID: 10734134] (Human)

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Products Related to NB500-123

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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