

Product Datasheet

PHF6 Antibody NB100-68262

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-68262

PHF6 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA
Target Molecular Weight	41.29 kDa

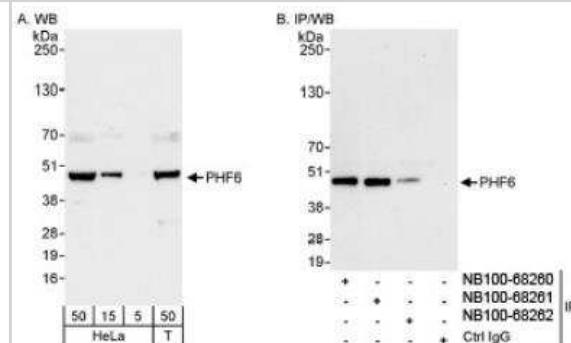
Product Description	
Host	Rabbit
Gene ID	84295
Gene Symbol	PHF6
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30403997).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 315 and 365 of human PHD finger protein 6 (NP_115834.1).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100 - 1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500, Immunohistochemistry-Frozen, Chromatin Immunoprecipitation (ChIP)
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Use in chromatin immunoprecipitation reported in scientific literature (PMID: 30551478). Use in Immunohistochemistry-Frozen reported in scientific literature (PMID:32187544). PHF6 antibody validated for WB from a verified customer review.

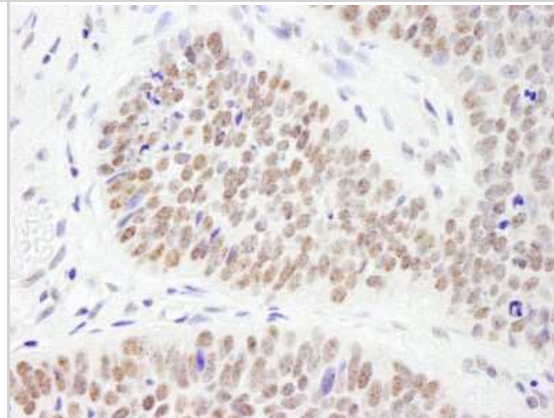


Images

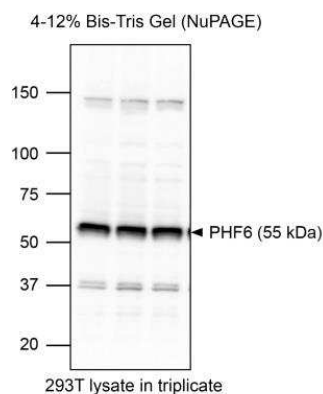
Western Blot: PHF6 Antibody [NB100-68262] - Detection of Human PHF6 on HeLa whole cell lysate. PHF6 was also immunoprecipitated by rabbit anti-PHF6 antibodies NB100-68260 and NB100-68261.



Immunohistochemistry-Paraffin: PHF6 Antibody [NB100-68262] - Sample: FFPE section of human skin carcinoma. Antibody: Affinity purified rabbit anti- PHF6 used at a dilution of 1:200 (1ug/ml). Detection: DAB



Western Blot: PHF6 Antibody [NB100-68262] - Image from a customer review testing on 293T cells.



Publications

Dilan Rasool, Audrey Burban, Ahmad Sharanek, Ariel Madrigal, Jinghua Hu, Keqin Yan, Dianbo Qu, Anne K Voss, Ruth S Slack, Tim Thomas, Azad Bonni, David J Picketts, Vahab D Soleimani, Hamed S Najafabadi, Arezu Jahani-Asl PHF6-mediated transcriptional control of NSC via Ephrin receptors is impaired in the intellectual disability syndrome BFLS EMBO Reports 2024-03-01 [PMID: 38429579]

Oh S, Boo K, Kim J et al. The chromatin-binding protein PHF6 functions as an E3 ubiquitin ligase of H2BK120 via H2BK12Ac recognition for activation of trophectodermal genes Nucleic Acids Res. 2020-07-31 [PMID: 32735658] (Chemotaxis, Mouse)

Gan L, Sun J, Yang S et al. Chromatin-Binding Protein PHF6 Regulates Activity-Dependent Transcriptional Networks to Promote Hunger Response Cell Rep 2020-03-17 [PMID: 32187544] (IHC-Fr, Mouse)

Warmerdam DO, Alonso-de Vega I, Wiegant WW et al. PHF6 promotes non-homologous end joining and G2 checkpoint recovery EMBO Rep. 2019-11-29 [PMID: 31782600] (Human)

Cheng C, Deng PY, Ikeuchi Y et al. Characterization of a Mouse Model of Borjeson-Forssman-Lehmann Syndrome. Cell Rep. 2018-11-06 [PMID: 30403997] (WB, Mouse)

Xiang J, Wang G, Xia T, Chen Z. The depletion of PHF6 decreases the drug sensitivity of T-cell acute lymphoblastic leukemia to prednisolone. Biomedicine & Pharmacotherapy. 1905-07-11 [PMID: 30551478] (Chemotaxis, Human)

Meacham CE, Lawton LN, Soto-Feliciano YM et al. A genome-scale in vivo loss-of-function screen identifies Phf6 as a lineage-specific regulator of leukemia cell growth. Genes Dev 2015-03-01 [PMID: 25737277] (WB, Human)





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Products Related to NB100-68262

NB820-59281	Human Adipose Subcutaneous Whole Tissue Lysate (Adult Whole Diabetes)
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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