

Product Datasheet

PF1 Antibody - BSA Free NB100-81671

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-81671

PF1 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)

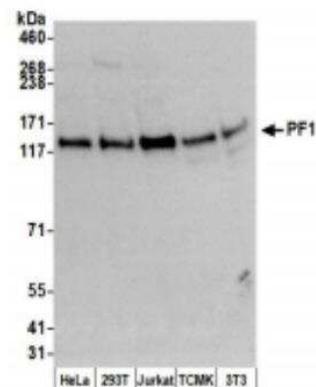
Product Description	
Description	Novus Biologicals Rabbit PF1 Antibody - BSA Free (NB100-81671) is a polyclonal antibody validated for use in WB, IP and ChIP. Anti-PF1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57649
Gene Symbol	PHF12
Species	Human, Mouse, Chicken
Reactivity Notes	Chicken reactivity reported in scientific literature (PMID: 22986495).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 954 and 1004 of human PHD factor 1 using the numbering given in entry NP_001028733.1 (GeneID 57649).

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-5 ug/mg lysate, Chromatin Immunoprecipitation (ChIP)
Application Notes	Chip reactivity reported in scientific literature (PMID: 22986495).

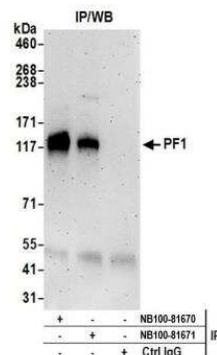


Images

Western Blot: PF1 Antibody [NB100-81671] - Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PF1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: PF1 Antibody [NB100-81671] - Detection of human PF1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PF1 antibody NB100-81671 used for IP at 3 ug per reaction. PF1 was also immunoprecipitated by rabbit anti-PF1 antibody NB100-81670. For blotting immunoprecipitated PF1, NB100-81671 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Kong Y, Jiang R, Zhou H et al. PHF12 regulates HDAC1 to promote tumorigenesis via EGFR/AKT signaling pathway in non-small cell lung cancer J Transl Med 2024-07-30 [PMID: 39075515]

Kong Y, jiang r, Zhou H et al. PHF12 regulates HDAC1 to promote tumorigenesis via EGFR/AKT signaling pathway in non-small cell lung cancer Research Square 2023-10-06 (Chromatin Immunoprecipitation (ChIP), Human)

Nishibuchi G, Shibata Y, Hayakawa T et al. Physical and functional interactions between the histone H3K4 demethylase KDM5A and the nucleosome remodeling and deacetylase (NuRD) complex. J Biol Chem 2014-09-04 [PMID: 25190814]

Strobl-Mazzulla PH, Bronner ME. A PHD12-Snail2 repressive complex epigenetically mediates neural crest epithelial-to-mesenchymal transition J Cell Biol 2012-09-17 [PMID: 22986495] (Chemotaxis, Chicken)



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Products Related to NB100-81671

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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