Product Datasheet

Neurofibromin 1 Antibody - BSA Free NB100-418

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-418

Neurofibromin 1 Antibody - BSA Free

Neurofibromin 1 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	
Host	Rabbit
Gene ID	4763
Gene Symbol	NF1
Species	Human, Mouse, C. elegans
Reactivity Notes	C. elegans reactivity reported in scientific literature (PMID: 30929290).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 2760 and the C-terminus (residue 2818) of human Neurofibromin 1 using the numbering given in entry NP_000258.1 (GeneID 4763)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2-10 ug/mg of lysate, Knockdown Validated
Application Notes	Use in ICC/IF reported in scientific literature (PMID: 30929290).

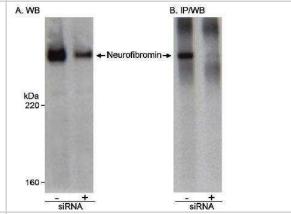


Images

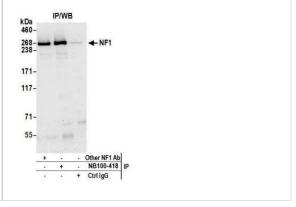
Western Blot: Neurofibromin 1 Antibody [NB100-418] - Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NF1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Western Blot: Neurofibromin 1 Antibody [NB100-418] - Detection of human NF1 in Western Blot and IP, using NB100-418. Samples: mock treated (control) or NF1-siRNA treated HeLa WCE. IPed NF was detected using an antibody from another vendor.



Immunoprecipitation: Neurofibromin 1 Antibody [NB100-418] - Detection of human NF1 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-NF1 antibody NB100-418 used for IP at 6 ug per reaction. NF1 was also immunoprecipitated by another rabbit anti-NF1 antibody. For blotting immunoprecipitated NF1, NB100-418 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Bergoug M, Mosrin C, Serrano A et Al. An Atypical Mechanism of SUMOylation of Neurofibromin SecPH Domain Provides New Insights into SUMOylation Site Selection J Mol Biol 2024-08-30 [PMID: 39216515]

Errico A, Stocco A, Riccardi V et al. Neurofibromin Deficiency and Extracellular Matrix Cooperate to Increase Transforming Potential through FAK-Dependent Signaling Cancers 2021-05-12 [PMID: 34066061]

Miwa, T;Inoue, K;Sakamoto, H; MRG-1 is required for both chromatin-based transcriptional silencing and genomic integrity of primordial germ cells in Caenorhabditis elegans Genes Cells 2019-03-31 [PMID: 30929290] (ICC/IF, C. elegans)





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Products Related to NB100-418

HAF008 Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160 Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891 Rabbit IgG Isotype Control

NB300-155PEP Neurofibromin 1 Antibody Blocking Peptide

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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