

Product Datasheet

HIP1 Antibody (1B11) - BSA Free NB300-204

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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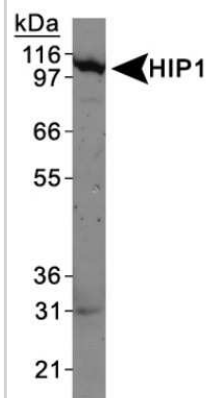
NB300-204

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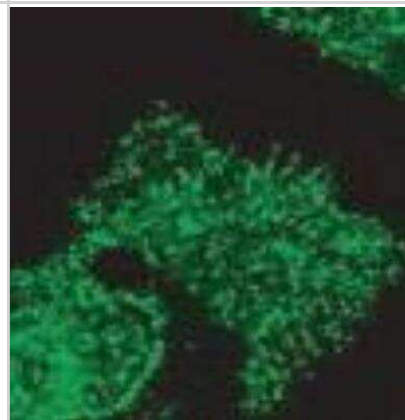
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B11
Preservative	0.1% Sodium Azide
Isotype	IgG1 Kappa
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	115 kDa
Product Description	
Description	Novus Biologicals Mouse HIP1 Antibody (1B11) - BSA Free (NB300-204) is a monoclonal antibody validated for use in WB, ICC/IF and IP. Anti-HIP1 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3092
Gene Symbol	HIP1
Species	Human, Mouse, Bacteria, Rat (Negative)
Reactivity Notes	Does not appear to work in rat.
Specificity/Sensitivity	NB300-204 is specific for human HIP1. Does not cross-react with HIP1r.
Immunogen	Human 3'-HIP1 (~65 kDa)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation reported in scientific literature (PMID 23272104)
Application Notes	In Western blot, a band is observed at ~115 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

Western Blot: HIP1 Antibody (1B11) [NB300-204] - HeLa whole cell extracts.



Immunocytochemistry/Immunofluorescence: HIP1 Antibody (1B11) [NB300-204] - Human pluripotent embryonic carcinoma cells stained with HIP1 antibody. ICC/IF image submitted by a verified customer review.



Publications

Choudhury KR, Raychaudhuri S, Bhattacharyya NP. Identification of HYPK-interacting proteins reveals involvement of HYPK in regulating cell growth, cell cycle, unfolded protein response and cell death. *PLoS One*. 2012-12-10 [PMID: 23272104] (IP, Human)

Rao, DS et al. Huntingtin-interacting protein 1 is overexpressed in prostate and colon cancer and is critical for cellular survival. *J Clin Invest*;110(3):351-60. 2002-08-01 [PMID: 12163454] (WB, Human, Mouse)

Rao DS, Chang JC, Kumar PD, Mizukami I, Smithson GM, Bradley SV, Parlow AF, Ross TS. Huntingtin interacting protein 1 is a clathrin coat binding protein required for differentiation of late spermatogenic progenitors. *Mol Cell Biol*;21(22):7796-806. 2001-11-01 [PMID: 11604514] (ICC/IF, Human)

Banerjee M, Datta M, Majumder P et al. Transcription regulation of caspase-1 by R393 of HIPPI and its molecular partner HIP-1. *Nucleic Acids Res*. 2010-01-01 [PMID: 19934260] (WB, ICC/IF, Human)

Mills IG et al. Huntingtin interacting protein 1 modulates the transcriptional activity of nuclear hormone receptors. *J Cell Biol*; 70: 191-200. 2005-01-01 [PMID: 16027218] (WB, Bacteria)

Datta M, Choudhury A, Lahiri A, Bhattacharyya NP. Genome wide gene expression regulation by HIP1 Protein Interactor, HIPPI: Prediction and validation. *BMC Genomics*;12(1):463. 2011-09-26 [PMID: 21943362]

Datta M, Bhattacharyya NP. Regulation of RE1 Protein Silencing Transcription Factor (REST) Expression by HIP1 Protein Interactor (HIPPI). *J Biol Chem*;286(39):33759-33769. 2011-09-30 [PMID: 21832040] (WB, Human)

Procedures

Western Blot protocol for HIP1 Antibody (NB300-204)

HIP1 Antibody (1B11):

Western Blot Procedure

1. Run 25 ug/lane of protein (ie: HeLa whole cell extract) on a 10% SDS-PAGE gel.
2. Transfer the proteins to nitrocellulose.
3. Block the membrane with a standard blocking buffer (5% NFDM in TBST), overnight at 4 deg C.
4. Dilute the anti-HIP1 in 1% NFDM in TBST and incubate for 1hour at RT.
5. Wash the membrane, 3x 5-10 minutes.
6. Dilute the secondary antibody [anti-mouse IgG conjugated to HRP] in 1% NFDM in TBST and incubate for 1hour at RT.
7. Wash the membrane, 3x 5-10 minutes.
8. Detect the protein-antibody complex via ECL.





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Products Related to NB300-204

NB800-PC1	HeLa Whole Cell Lysate
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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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