

Product Datasheet

HUWE1 Antibody - BSA Free NB100-652

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-652

HUWE1 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)
Target Molecular Weight	481 kDa

Product Description	
Description	Novus Biologicals Rabbit HUWE1 Antibody - BSA Free (NB100-652) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-HUWE1 Antibody: Cited in 20 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10075
Gene Symbol	HUWE1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:31959916).
Immunogen	The immunogen this antibody was made to, maps to a region between residues 2250 and 2300 of human Upstream Regulatory Element Binding Protein 1 using the numbering given in entry NP_113584.3 (GeneID 10075).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:250 - 1:1000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000-1:5000
Application Notes	ICC/IF reactivity reported in (PMID: 27146073). Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

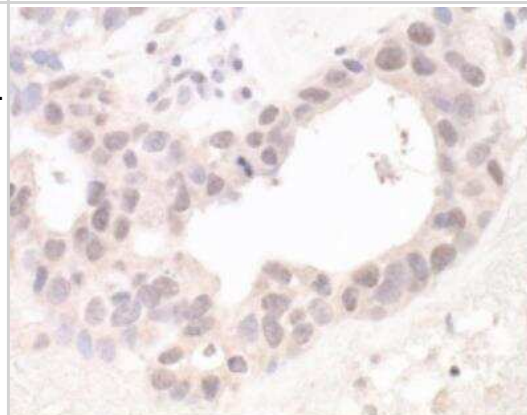


Images

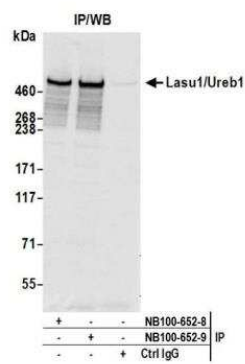
Western Blot: HUWE1 Antibody [NB100-652] - Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Lasu1/Ureb1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Immunohistochemistry-Paraffin: HUWE1 Antibody [NB100-652] - Section of human ovarian carcinoma. Antibody: Affinity purified rabbit antiLasu1/Ureb1 used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB.



Immunoprecipitation: HUWE1 Antibody [NB100-652] - Detection of human Lasu1/Ureb1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Lasu1/Ureb1 antibody NB100-652 (lot NB100-652-9) used for IP at 6 ug per reaction. Lasu1/Ureb1 was also immunoprecipitated by a previous lot of this antibody (lot NB100-652-8). For blotting immunoprecipitated Lasu1/Ureb1, NB100-652 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



Publications

Ikeda T, Hong S, Yoshida S et al. HUWE1 stimulates mTORC1 activity by enhancing Rheb interaction with mTORC1 and supports de novo pyrimidine synthesis. *Cell reports* 2025-10-09 [PMID: 41075246]

Mastrangelo P, Chin AA, Tan S et al. Identification of RSV Fusion Protein Interaction Domains on the Virus Receptor, Nucleolin Viruses 2021-02-08 [PMID: 33567674]

Bilawchuk LM, Griffiths CD, Jensen LD et al. The Susceptibilities of Respiratory Syncytial Virus to Nucleolin Receptor Blocking and Antibody Neutralization are Dependent upon the Method of Virus Purification *Viruses* 2017-08-03 [PMID: 28771197]

Yang SW, Huang X, Lin W et al. Structural basis for substrate recognition and chemical inhibition of oncogenic MAGE ubiquitin ligases *Nat Commun* 2020-10-01 [PMID: 33004795] (WB, Human)

Xu YM, Gao Q, Zhang JZ et al. Prolyl hydroxylase 3 controls the intestine goblet cell generation through stabilizing ATOH1 *Cell Death Differ.* 2020-01-20 [PMID: 31959916] (WB, IP, Human, Mouse)

Yang SW, Li L, Connelly JP et al. A Cancer-Specific Ubiquitin Ligase Drives mRNA Alternative Polyadenylation by Ubiquitinating the mRNA 3' End Processing Complex *Mol. Cell* 2020-01-08 [PMID: 31980388]

Suzuki T, Okamoto T, Katoh H et al. Infection with flaviviruses requires BCLXL for cell survival. *PLoS Pathog.* 2018-09-27 [PMID: 30261081] (WB, Human)

Crow MS, Cristea IM. Human antiviral protein IFIX suppresses viral gene expression during HSV-1 infection and is counteracted by virus-induced proteasomal degradation *Mol. Cell Proteomics* 2017-01-11 [PMID: 28077445]

Cheng YF, Tong M, Edge AS. Destabilization of Atoh1 by E3 Ubiquitin Ligase Huwe1 and Casein Kinase 1 Is Essential for Normal Sensory Hair Cell Development. *J. Biol. Chem.* 2016-08-19 [PMID: 27542412] (IP)

Choe KN, Nicolae CM, Constantin D et al. HUWE1 interacts with PCNA to alleviate replication stress. *EMBO Rep.* 2016-05-04 [PMID: 27146073] (IP, ICC/IF, WB, Human)

Rolfo A, Garcia J, Todros T et al. The double life of MULE in preeclamptic and IUGR placentae. *Cell Death Dis* 2012-05-01 [PMID: 22552282]

Mandel I, Paperna T, Miller A et al. Aberrant expression of the apoptosis-related proteins BAK and MCL1 in T cells in multiple sclerosis. *J Neuroimmunol* 2012-03-01 [PMID: 22257632]

More publications at <http://www.novusbio.com/NB100-652>





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-652

NB800-PC1	HeLa Whole Cell Lysate
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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