

# Product Datasheet

## HUWE1 Antibody - BSA Free

### NB100-652

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-652**

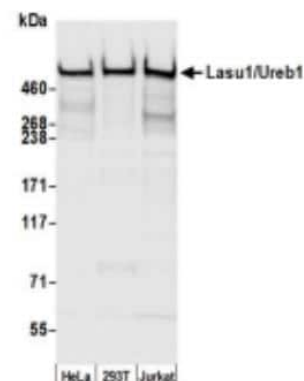
HUWE1 Antibody - BSA Free

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	
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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, 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.

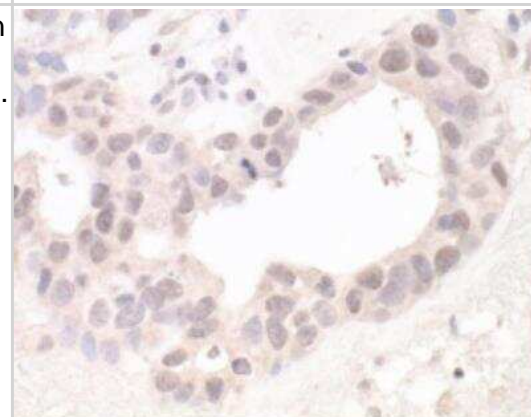


## Images

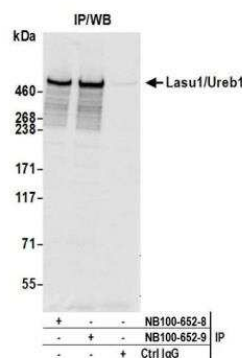
**Western Blot: HUWE1 Antibody [NB100-652] - Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer.**  
**Antibody:** Affinity purified rabbit anti-Lasu1/Ureb1 antibody used for WB at 0.1 ug/ml. **Detection:** Chemiluminescence with an exposure time of 3 seconds.



**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

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]

Chanthery YH, Gustafson WC, Itsara M et al. Paracrine signaling through MYCN enhances tumor-vascular interactions in neuroblastoma. Sci Transl Med 2012-01-01 [PMID: 22218692]

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





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### **Products Related to NB100-652**

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NB800-PC1	HeLa Whole Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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