

Product Datasheet

UBR5/EDD Antibody - BSA Free NB100-1591

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-1591

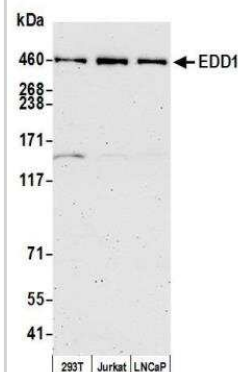
UBR5/EDD Antibody - BSA Free

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	309 kDa
Product Description	
Host	Rabbit
Gene ID	51366
Gene Symbol	UBR5
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residues 600 and 650 of human E3 Ubiquitin Protein Ligase, HECTdomain containing, 1 using the numbering given in entry NP_056986.2 (GeneID 51366)
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:500 - 1:2000, Immunoprecipitation 2 - 10 ug/mg of lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000, Knockdown Validated
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

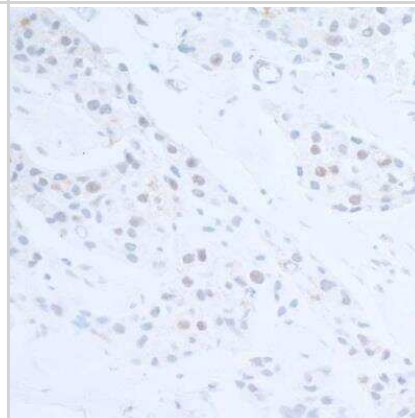


Images

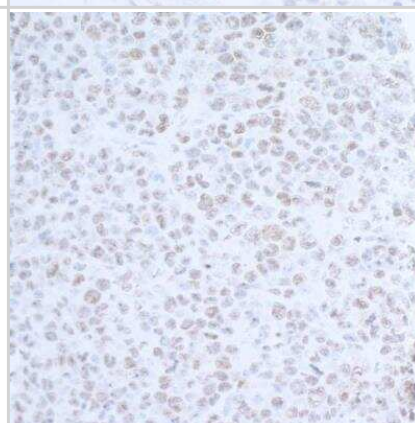
Western Blot: UBR5/EDD Antibody [NB100-1591] - Samples: Whole cell lysate (50 ug) from HEK293T, Jurkat, and LNCaP cells prepared using NETN lysis buffer. Antibody: Affinity purified Rabbit UBR5/EDD Antibody (NB100-1591, lot 6) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



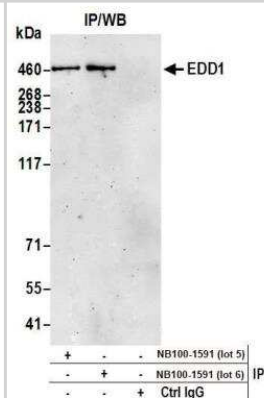
Immunohistochemistry-Paraffin: UBR5/EDD Antibody [NB100-1591] - Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit UBR5/EDD Antibody (NB100-1591, lot 6) used at a dilution of 1:1,000 (1 ug/ml). Detection: DAB



Immunohistochemistry-Paraffin: UBR5/EDD Antibody [NB100-1591] - Sample: FFPE section of mouse plasmacytoma. Antibody: Affinity purified rabbit UBR5/EDD Antibody (NB100-1591, lot 6) used at a dilution of 1:1000 (1 ug/ml). Detection: DAB



Immunoprecipitation: UBR5/EDD Antibody [NB100-1591] - 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 UBR5/EDD Antibody (NB100-1591, lot 6) used for IP at 6 ug per reaction. UBR5/EDD was also immunoprecipitated by a previous lot of this antibody (lot 5). For blotting immunoprecipitated UBR5/EDD, NB100-1591 was used at 0.1 ug/ml. Chemiluminescence with an exposure time of 3 minutes.



Publications

Yu Z, Dong X, Song M et al. Targeting UBR5 inhibits postsurgical breast cancer lung metastases by inducing CDC73 and p53 mediated apoptosis International journal of cancer 2023-10-19 [PMID: 37855385]

Xiaojing Ma, Ziqi Yu, Xue D et al. Targeting UBR5 inhibits postsurgical breast cancer lung metastases by inducing apoptosis mediated by CDC73 and p53 Research Square 2022-11-29 (IHC-P, Human)

Wang C, Hong T, Wang Y et al. Combining UBR5 and CD163+ tumor-associated macrophages better predicts prognosis of clear cell renal cell carcinoma patients Cancer immunology, immunotherapy : CII 2021-03-12 [PMID: 33710368]

Bian P, Dou Z, Jia Z et al. Activated Wnt/beta-Catenin signaling contributes to E3 ubiquitin ligase EDD-conferred docetaxel resistance in prostate cancer Life Sci. 2019-08-28 [PMID: 31472148] (IHC-P, KD, WB, Mouse, Human)

Metzig MO, Fuchs D, Tagscherer KE, Grone HJ. Inhibition of caspases primes colon cancer cells for 5-fluorouracil-induced TNF- α -dependent necroptosis driven by RIP1 kinase and NF- κ B. Oncogene. 2015-11-02 [PMID: 26522725] (WB, Human)

Odagiri S, Tanji K, Mori F et al. Immunohistochemical analysis of Marinesco bodies, using antibodies against proteins implicated in the ubiquitin-proteasome system, autophagy and aggresome formation. Neuropathology 2012-06-01 [PMID: 22118216]

Dompe N, Rivers CS, Li L et al. A whole-genome RNAi screen identifies an 8q22 gene cluster that inhibits death receptor-mediated apoptosis. Proc Natl Acad Sci U S A. 2011-09-26 [PMID: 21949371]

Ling S, Lin WC. EDD inhibits ATM-mediated phosphorylation of p53. J Biol Chem 2011-04-01 [PMID: 21383020]

O'Brien PM, Davies MJ, Scurry JP et al. The E3 ubiquitin ligase EDD is an adverse prognostic factor for serous epithelial ovarian cancer and modulates cisplatin resistance in vitro. Br J Cancer 2008-03-01 [PMID: 18349819]

Christofferson DE, Li Y, Hitomi J et al. A novel role for RIP1 kinase in mediating TNF α production Cell Death Dis 2012 -06-14 [PMID: 22695613] (WB, Human)





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Products Related to NB100-1591

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-58579PEP	UBR5/EDD Recombinant Protein Antigen

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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