

# Product Datasheet

## UBE2O Antibody NBP1-03336

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP1-03336**

## UBE2O Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

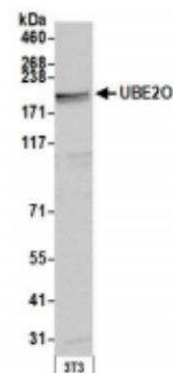
Product Description	
Description	Novus Biologicals Rabbit UBE2O Antibody (NBP1-03336) is a polyclonal antibody validated for use in WB and IP. Anti-UBE2O Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	63893
Gene Symbol	UBE2O
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 725 and 775 of human ubiquitin-conjugating enzyme E2O using the numbering given in entry NP_071349.2 (GeneID 63893).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2 - 5 ug/mg lysate
Application Notes	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

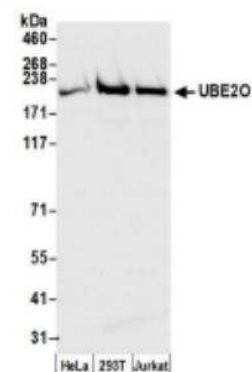


## Images

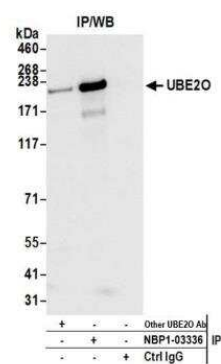
Western Blot: UBE2O Antibody [NBP1-03336] - Whole cell lysate (50 ug) from NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-UBE2O antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Western Blot: UBE2O Antibody [NBP1-03336] - Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-UBE2O antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Immunoprecipitation: UBE2O Antibody [NBP1-03336] - Detection of human UBE2O by western blot of immunoprecipitates. 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 anti-UBE2O antibody A301-873A (lot A301-873A-3) used for IP at 3 ug per reaction. UBE2O was also immunoprecipitated by rabbit anti-UBE2O antibody BL7369. For blotting immunoprecipitated UBE2O, A301-873A was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



## Publications

Xiang D, Wu W, Shi R et al. UBE2O-mediated ubiquitylation directs cytoplasmic CTNNA1 to promote cell-to-ECM adhesions. *EMBO reports* 2025-09-22 [PMID: 40983751]

Pentecost M, Vashisht AA, Lester T et al. Evidence for Ubiquitin-Regulated Nuclear and Subnuclear Trafficking among Paramyxovirinae Matrix Proteins. *PLoS Pathog.* 2015-03-01 [PMID: 25782006] (WB, Human)

Zhang X, Zhang J, Bauer A et al. Fine-tuning BMP7 signalling in adipogenesis by UBE2O/E2-230K-mediated monoubiquitination of SMAD6. *EMBO J* 2013-03-01 [PMID: 23455153] (WB, Human)

Zhang X, Zhang J, Zhang L et al. UBE2O negatively regulates TRAF6-mediated NF-kappaB activation by inhibiting TRAF6 polyubiquitination. *Cell Res* 2013-02-05 [PMID: 23381138]



### **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 NBP1-03336**

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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

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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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