

# Product Datasheet

## HECTD1 Antibody NBP1-49926

Unit Size: 100 ul

Store at 4C. Do not freeze.

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

### Publications: 1

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**NBP1-49926**

HECTD1 Antibody

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)

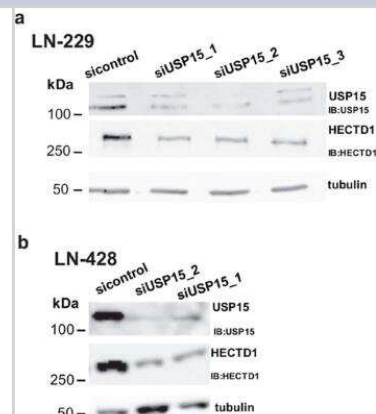
Product Description	
Host	Rabbit
Gene ID	25831
Gene Symbol	HECTD1
Species	Human
Immunogen	The immunogen for this product maps to a region between residue 2100 and 2150 of human HECT Domain Containing 1 using the numbering given in entry AAP13073.1 (GeneID 25831).

Product Application Details	
Applications	Immunoprecipitation, Western Blot (Negative)
Recommended Dilutions	Immunoprecipitation 2-5 ug/mg lysate, Western Blot (Negative)

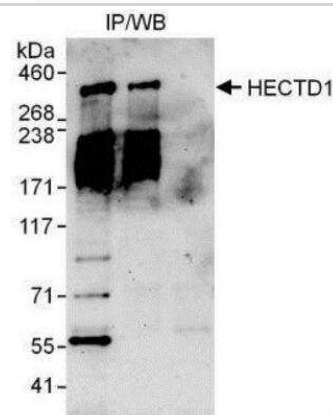


## Images

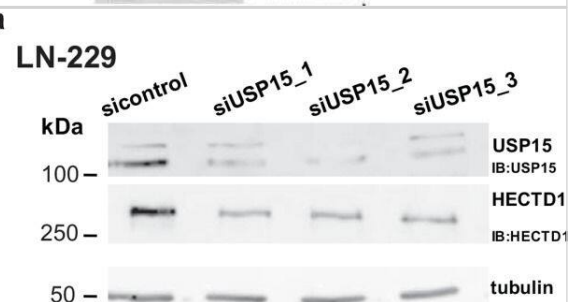
Western Blot: HECTD1 Antibody [NBP1-49926] - USP15 knockdown with three siRNAs in LN-229 and (b) two siRNAs in LN-428. Image collected and cropped by CiteAb from the following publication (<https://www.oncotarget.com/lookup/doi/10.18632/oncotarget.22798>) licensed under a CC-BY license. USP15 antibody (catalog # NB110-40690)



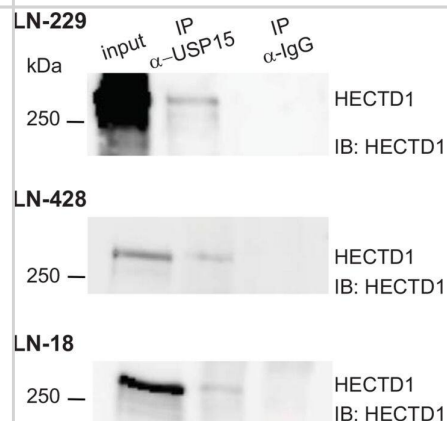
Immunoprecipitation: HECTD1 Antibody [NBP1-49926] - Detection of Human HECTD1 by Western Blot of Immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-HECTD1 antibody used for IP at 3 mcg/mg lysate. HECTD1 was also immunoprecipitated by rabbit anti-HECTD1 antibody which recognizes an upstream epitope. For blotting immunoprecipitated HECTD1 was used at 1 mcg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



USP15 knockdown leads to decreased HECTD1 protein levels(a) USP15 knockdown with three siRNAs in LN-229 & (b) two siRNAs in LN-428. Image collected & cropped by CiteAb from the following publication (<https://www.oncotarget.com/lookup/doi/10.18632/oncotarget.22798>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Western Blot: HECTD1 Antibody [NBP1-49926] - USP15 interacts with HECTD1 in GBM cell linesImmunoprecipitation using an antibody against the endogenous USP15 in LN-229, LN-428, & LN-18 protein extracts, analyzed by Western blot using an antibody against HECTD1. The control immunoprecipitation was performed with anti-rabbit IgG. Image collected & cropped by CiteAb from the following publication (<https://www.oncotarget.com/lookup/doi/10.18632/oncotarget.22798>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Oikonomaki M, Bady P, et al. Ubiquitin Specific Peptidase 15 (USP15) suppresses glioblastoma cell growth via stabilization of HECTD1 E3 ligase attenuating WNT pathway activity. *Oncotarget* 2017-12-15 [PMID: 29299163] (WB, Human)



### **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](mailto: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](mailto: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](mailto:info.EMEA@bio-techne.com)

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP1-49926**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00025831-Q01-10ug	Recombinant Human HECTD1 GST (N-Term) Protein

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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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