

# Product Datasheet

## PHLPP2 Antibody NB100-1812

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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

### Publications: 2

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**NB100-1812**

## PHLPP2 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

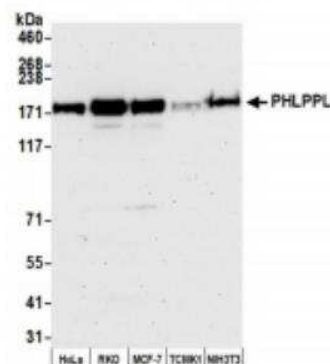
Product Description	
Description	Novus Biologicals Rabbit PHLPP2 Antibody (NB100-1812) is a polyclonal antibody validated for use in WB and IP. Anti-PHLPP2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23035
Gene Symbol	PHLPP2
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 23993956).
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1275 and the C-terminus (residue 1323) of human PH Domain and Leucine Rich Repeat Protein Phosphatase-like using the numbering given in entry NP_055835.2 (GeneID 23035).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/ml

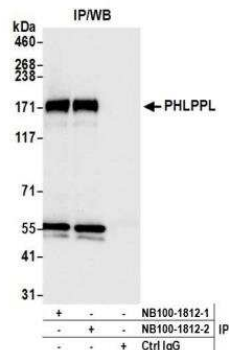


## Images

Western Blot: PHLPP2 Antibody [NB100-1812] - Whole cell lysate (50 ug) from HeLa, RKO, MCF-7, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified Rabbit anti-PHLPP antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



PHLPP2 Antibody [NB100-1812] - Detection of human PHLPP 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-PHLPP antibody NB100-1812 (lot NB100-1812-2) used for IP at 6 ug per reaction. PHLPP was also immunoprecipitated by a previous lot of this antibody (lot NB100-1812-1). For blotting immunoprecipitated PHLPP, NB100-1812 was used at 0.04 ug/ml. Chemiluminescence with an exposure time of 10 seconds.



## Publications

Rajala A, Gupta VK, Anderson RE, Rajala RV. Light activation of the insulin receptor regulates mitochondrial hexokinase. A possible mechanism of retinal neuroprotection. *Mitochondrion*. 2013-08-30 [PMID: 23993956] (WB, Rat)

Sangai T, Akcakanat A, Chen H et al. Biomarkers of response to Akt inhibitor MK-2206 in breast cancer. *Clin Cancer Res* 2012-10-01 [PMID: 22932669]



### **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 NB100-1812**

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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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