

Product Datasheet

PHLPP2 Antibody NB100-1812

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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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

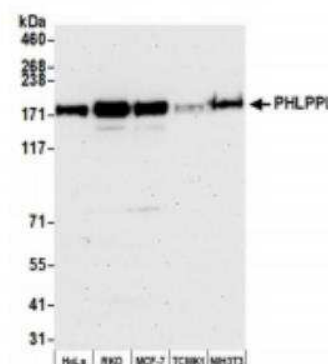
Product Description	
Host	Rabbit
Gene ID	23035
Gene Symbol	PHLPP2
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 23993956).
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1275 and the C-terminus (residue 1323) 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

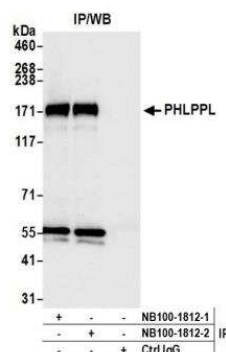


Images

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]



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Products Related to NB100-1812

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21264PEP	PHLPP2 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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