

Product Datasheet

PTENP1 Antibody - BSA Free

NB110-86973

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

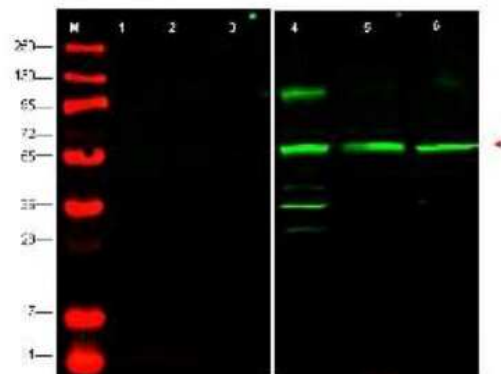
Product Description	
Description	This affinity-purified antibody is directed against human PTENP1 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	11191
Gene Symbol	PTENP1
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with PTENP1 proteins from mouse, dog sources based on 82% homology with the immunizing sequence. Reactivity against homologues from other sources is not known.
Immunogen	This affinity purified PTENP1 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a peptide corresponding to amino acids near the N-terminal end of human PTENP1 protein. (Uniprot: O43460)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:160000
Application Notes	This affinity purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 55 kDa in size corresponding to PTEN-P1 protein by western blotting in the appropriate cell lysate or extract.



Images

Western Blot: PTENP1 Antibody [NB110-86973] - Analysis of endogenous PTEN-P1 in whole cell lysates from human derived cell lines HeLa (lane 4), HEK293 (lane 5) and MCF7 (lane 6). The band at 55 kDa (arrowhead) corresponds to PTEN-P1. Lanes 1-3 were show the results of staining after the antibody was first pre-incubated with the immunizing peptide. The identity of lower molecular weight bands in lane 4 is unknown. Briefly, each lane contains approximately 35 ug of lysate. Primary antibody was used at a 1:500 dilution in 5% BLOTTO in PBS reacted overnight at 4C. The membrane was washed and reacted with a 1:10,000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MX for 45 min at room temperature (800 nm channel, green).





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Products Related to NB110-86973

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00011191-P01-10ug	Recombinant Human PTENP1 GST (N-Term) Protein

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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