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Datasheet

PHPT1 polyclonal antibody

Catalog Number: PAB2561

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of PHPT1.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human PHPT1.

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Recommend Usage: Western Blot (1:1000)
Immunohistochemistry (1:10-50)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 29085

Gene Symbol: PHPT1

Gene Alias: CGI-202, DKFZp564M173, HSPC141, PHP14, bA216L13.10

Gene Summary: PHPT1 is an EDTA-insensitive phosphohistidine phosphatase that catalyzes the dephosphorylation of phosphopeptide I (Ek et al., 2002 [PubMed 12383260]).[supplied by OMIM]

References:

1. A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, Hao T, Shaw C, Patel AJ, Szabo G, Rual JF, Fisk CJ, Li N, Smolyar A, Hill DE, Barabasi AL, Vidal M, Zoghbi HY. Cell. 2006 May 19;125(4):801-14.
2. The LIFEdb database in 2006. Mehrle A, Rosenfelder H, Schupp I, del Val C, Arlt D, Hahne F, Bechtel S, Simpson J, Hofmann O, Hide W, Glatting KH, Huber W, Pepperkok R, Poustka A, Wiemann S. Nucleic Acids Res. 2006 Jan 1;34(Database issue):D415-8.
3. Mutational study of human phosphohistidine phosphatase: effect on enzymatic activity. Ma R, Kanders E, Sundh UB, Geng M, Ek P, Zetterqvist O, Li JP. Biochem Biophys Res Commun. 2005 Nov 25;337(3):887-91. Epub 2005 Sep 30.