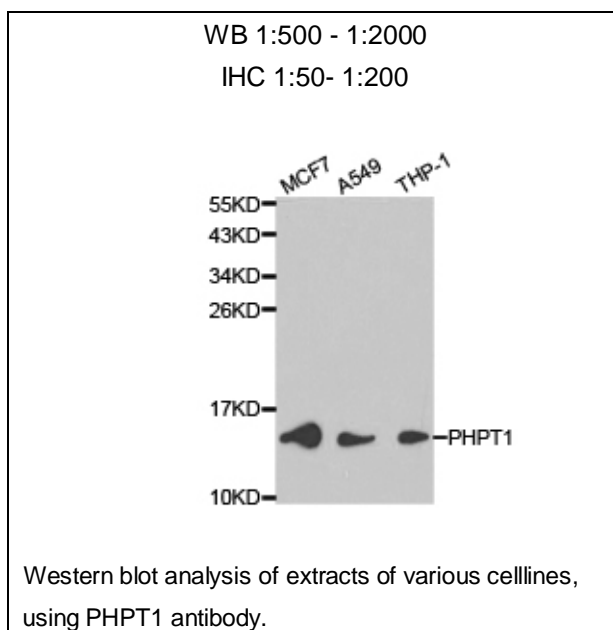




PHPT1 Polyclonal Antibody

E91127

- Catalog Number:** E91127
Amount: 100ul
Background: PHPT1 (Phosphohistidine phosphatase 1), also known as 14 kDaphosphohistidine phosphatase, is a 125 amino acid enzyme belonging to the Janus protein family. Existing as a monomer in the cytoplasm, PHPT1 is an EDTA-insensitive phosphohistidine phosphatase. First identified in human adrenal gland, PHPT1 is highly expressed in skeletal muscle and heart, with lower expression in liver, pancreas and kidney. Overexpression of PHPT1 leads to specific phosphohistidine phosphatase activity towards phosphopeptide I, with no activity detected towards phosphotyrosine, phosphothreonine and phosphoserine peptides. PHPT1 is highly conserved among species, suggesting that it serves an essential functional role.
- Species:** Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: PHPT1;CGI-202;DKFZp564M173;HSPC141;PHP14;bA216L13.10 ;
Immunogen: Recombinant protein of human PHPT1
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 14kDa
Swiss-Prot No. : Q9NRX4
Gene ID: 29085



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