

## Recombinant PHPT1 Monoclonal Antibody

catalog number: **AN300256P**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

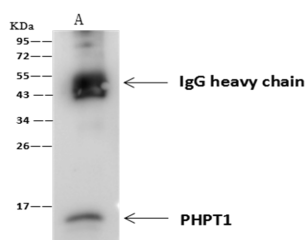
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human PHPT1 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	11A5
<b>Purification</b>	Protein A
<b>Buffer</b>	0.2 µm filtered solution in PBS

### Applications

### Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IP</b>	1-5 µL/mg of lysate

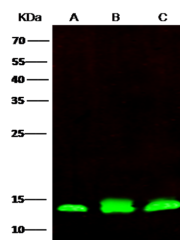
### Data



Immunoprecipitation analysis using 4 µL anti-PHPT1 Monoclonal Antibody and 60 µg of Immunomagnetic beads Protein A/G. Western blot was performed from the immunoprecipitate using PHPT1 Monoclonal Antibody at a dilution of 1:100. Lane A: 0.5 mg HepG2 Whole Cell Lysate

**Observed-MW:14 kDa**

**Calculated-MW:14 kDa**



Western Blot with PHPT1 Monoclonal Antibody at dilution of 1:500. Lane A: HepG2 Whole Cell Lysate, Lane B: THP1 Whole Cell Lysate, Lane C: MCF7 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

**Observed-MW:14 kDa**

**Calculated-MW:14 kDa**

### Preparation & Storage

<b>Storage</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Shipping</b>	Ice bag

### Background

This gene encodes an enzyme that catalyzes the reversible dephosphorylation of histidine residues in proteins. It may be involved in the dephosphorylation of G-beta and ATP citrate lyase and in negatively regulating CD4 T lymphocytes by dephosphorylation and inhibition of KCa3.2 channels. Alternative splicing results in multiple transcript variants.

### For Research Use Only