

Datasheet for ABIN7257200

anti-PHPT1 antibody**1** Image[Go to Product page](#)

Overview

| | |
|--------------|--------------------------------------|
| Quantity: | 200 µL |
| Target: | PHPT1 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PHPT1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|------------------|--|
| Immunogen: | Recombinant fusion protein of human PHPT1 (NP_054891.2). |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|---|
| Target: | PHPT1 |
| Alternative Name: | PHPT1 (PHPT1 Products) |
| 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 KCa3.1 channels. Alternative splicing results in multiple transcript variants. |

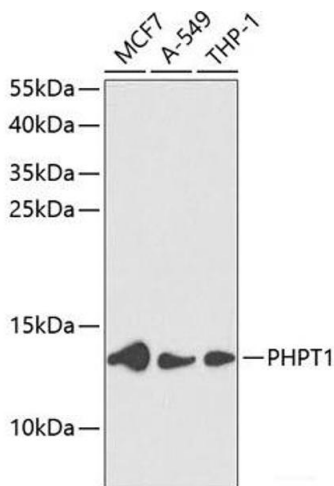
Target Details

| | |
|-------------------|--|
| Molecular Weight: | Observed_MW: 13 kDa |
| | Calculated_MW: 13 kDa |
| Gene ID: | 29085 |
| UniProt: | Q9NRX4 |
| Pathways: | Positive Regulation of Peptide Hormone Secretion |

Application Details

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|--------------------|--|
| Application Notes: | WB 1:500-1:2000 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using PHPT1 Polyclonal Antibody at dilution of 1:1000.