

Datasheet for ABIN2785988  
**anti-PHPT1 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	PHPT1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHPT1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Phpt1
Sequence:	DCECLGGGRI SHQSQDRKIH VYGYSMGYGR AQHSVSTEKI KAKYPDYEVT
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against Phpt1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	PHPT1
Alternative Name:	Phpt1 ( <a href="#">PHPT1 Products</a> )

## Target Details

Background: Phpt1 exhibits phosphohistidine phosphatase activity.  
Alias Symbols: 1700008C22Rik, Php14  
Protein Size: 124

Molecular Weight: 14 kDa

Gene ID: 75454

NCBI Accession: [NM\\_029293](#), [NP\\_083569](#)

UniProt: [Q9DAK9](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 124 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-Phpt1 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Brain