

Product datasheet

Anti-PHPT1 antibody ab117532

1 Image

Overview

Product name	Anti-PHPT1 antibody
Description	Rabbit polyclonal to PHPT1
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide conjugated to KLH, from the N-terminal region of Human PHPT1 (NP_054891.2).
Positive control	Human uterus tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab117532** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/50 - 1/100. Predicted molecular weight: 14 kDa.
ELISA		1/10 - 1/50.
IHC-P		Use a concentration of 5 µg/ml.

Target

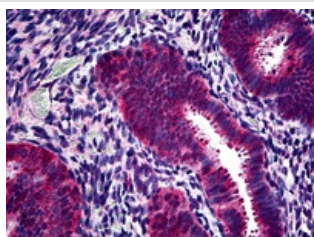
Relevance

PHPT1 is an EDTA-insensitive phosphohistidine phosphatase that catalyzes the dephosphorylation of phosphopeptide I. Protein histidine phosphorylation and dephosphorylation in eukaryotes has been sparsely studied compared to protein serine/threonine and tyrosine phosphorylation, although protein histidine phosphorylation is estimated to account for about 6% of total protein phosphorylation in eukaryotes. Ek et al. (2002) detected no activity of PHPT1 towards phosphoserine, phosphothreonine, or phosphotyrosine peptides.

Cellular localization

Cytoplasmic

Images



ab117532, at 5 µg/ml, staining PHPT1 in Formalin-fixed, Paraffin-embedded Human Uterus tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PHPT1 antibody (ab117532)

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