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Datasheet for ABIN745825

**anti-INPPL1 antibody (pTyr986, pTyr987) (Biotin)**

## Overview

Quantity:	100 µL
Target:	INPPL1
Binding Specificity:	pTyr986, pTyr987
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INPPL1 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human SHIP2 around the phosphorylation site of Tyr986/987
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	INPPL1
Alternative Name:	INPPL1 + ( <a href="#">INPPL1 Products</a> )



## Target Details

**Background:** Synonyms: 4, 5-trisphosphate 5-phosphatase 2, 51C protein, EC 3.1.3.n1, inositol polyphosphate phosphatase like 1, Inositol polyphosphate phosphatase like protein 1, Inositol polyphosphate phosphatase-like protein 1, INPPL-1, INPPL1, Phosphatidylinositol 3, Phosphatidylinositol 3,4,5 trisphosphate 5 phosphatase 2, Protein 51C, SH2 domain containing inositol 5' phosphatase 2, SH2 domain-containing inositol 5"-phosphatase 2, SH2 domain-containing inositol phosphatase 2, SHIP-2, SHIP2, SHIP2\_HUMAN.

**Background:** The steady state of protein tyrosyl phosphorylation in cells is regulated by the opposing action of tyrosine kinases and protein tyrosine phosphatases (PTPs). Several groups have independently identified a non transmembrane PTP, designated SHPTP1 (also known as PTP1C, HCP and SHP), which is primarily expressed in hematopoietic cells and characterized by the presence of two SH2 domains N terminal to the PTP domain. A second and much more widely expressed PTP with SH2 domains, SHPTP2 (also designated PTP1D and Syp), has been identified. SHP2 is a protein tyrosine phosphatase that is widely expressed and plays a regulatory role in various cell signaling events that are important for many cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration.

**Gene ID:** 3636

**Pathways:** [Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

**Application Notes:** IHC-P 1:200-400  
IHC-F 1:100-500

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

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

**Storage:** -20 °C



Handling

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Storage Comment:                      Store at -20°C for 12 months.

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Expiry Date:                              12 months