



Datasheet for ABIN745748
anti-INPPL1 antibody (pTyr1135)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	INPPL1
Binding Specificity:	pTyr1135
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INPPL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), 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 Tyr1135
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	INPPL1
---------	--------

Target Details

Alternative Name: [INPPL1 \(INPPL1 Products\)](#)

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: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

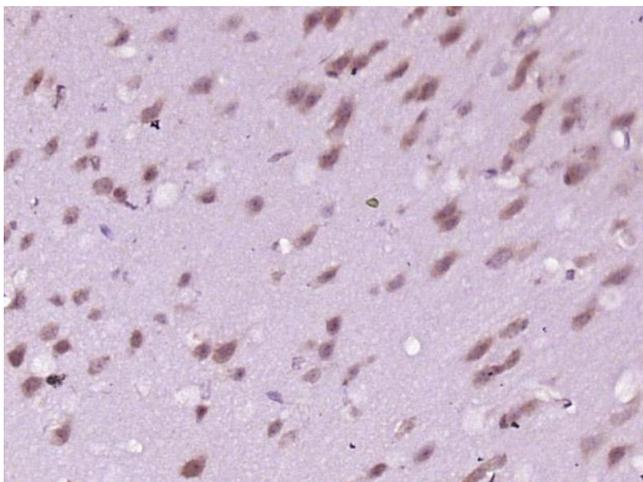
Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

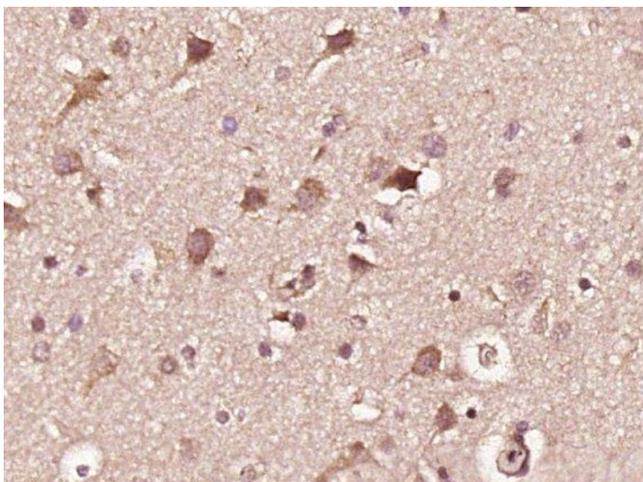
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded mouse brain, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with INPPL1(Tyr1135) Polyclonal Antibody at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded human glioma, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with INPPL1(Tyr1135) Polyclonal Antibody (bs-3399R) at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining.