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## anti-INPPL1 antibody (pTyr1135) (Biotin)



Overview	
Quantity:	100 μL
Target:	INPPL1
Binding Specificity:	pTyr1135
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INPPL1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), 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 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
	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

## Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months