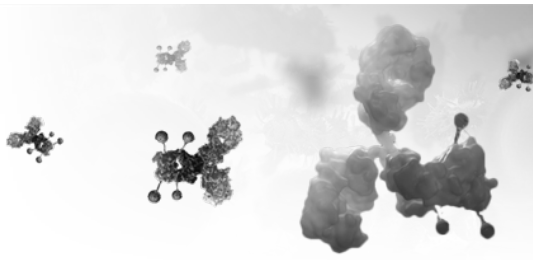

Anti-INPPL1 (aa 1159-1258) polyclonal antibody (DPAB-DC1723)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is an SH2-containing 5-inositol phosphatase that is involved in the regulation of insulin function. The encoded protein also plays a role in the regulation of epidermal growth factor receptor turnover and actin remodelling. Additionally, this gene supports metastatic growth in breast cancer and is a valuable biomarker for breast cancer.
Immunogen	INPPL1 (NP_001558, 1159 a.a. ~ 1258 a.a) partial recombinant protein with GST tag. The sequence is PSDYGRPLSFPPPRIRESIQEDLAEEAPCLQGGRASGLGEAGMSAWLRAIGLERYEEGLV HNGWDDLEFLSDITEEDLEEAGVQDPAHKRLLLDTLQLSK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	INPPL1 inositol polyphosphate phosphatase-like 1 [Homo sapiens (human)]

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Official Symbol	INPPL1
Synonyms	INPPL1; inositol polyphosphate phosphatase-like 1; OPSMD; SHIP2; phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2; SHIP-2; INPPL-1; 51C protein; protein 51C; SH2 domain-containing inositol 5-phosphatase 2; SH2 domain-containing inositol-5-phosphatase 2; phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase 2;
Entrez Gene ID	3636
Protein Refseq	NP_001558
UniProt ID	O15357
Chromosome Location	11q13
Pathway	1D-myo-inositol hexakisphosphate biosynthesis II (mammalian); B cell receptor signaling pathway; Cytokine Signaling in Immune system; D-myo-inositol (1,4,5)-trisphosphate degradation
Function	SH2 domain binding; SH3 domain binding; actin binding; hydrolase activity

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