PHLD Polyclonal Antibody

Catalog No	BYab-05924
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	GPLD1 PIGPLD1
Protein Name	Phosphatidylinositol-glycan-specific phospholipase D (PI-G PLD) (EC 3.1.4.50) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) (GPI-PLD) (GPI-specific phospholip
Immunogen	Synthesized peptide derived from human protein . at AA range: 250-330
Specificity	PHLD Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	92kD
Cell Pathway	Secreted.
Tissue Specificity	Bone marrow,Eye,Liver,Pancreas,Plasma,Serum,
Function	catalytic activity:6-(alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol + H(2)O = 6-(alpha-D-glucosaminyl)-1D-myo-inositol + phosphatidate.,function:This protein hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans (GPI-anchor) thus releasing these proteins from the membrane.,sequence caution:This sequence has numerous of conflicts with the human genome.,similarity:Belongs to the GPLD1 family.,similarity:Contains 4 FG-GAP repeats.,subunit:Monomer .,
Background	Many proteins are tethered to the extracellular face of eukaryotic plasma membranes by a glycosylphosphatidylinositol (GPI) anchor. The GPI-anchor is a glycolipid found on many blood cells. The protein encoded by this gene is a GPI

	degrading enzyme. Glycosylphosphatidylinositol specific phospholipase D1 hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans, thereby releasing the attached protein from the plasma membrane. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images