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Datasheet for ABIN1405386  
**anti-GPLD1 antibody (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	GPLD1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPLD1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GPLD1/GPI-PLD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	GPLD1
Alternative Name:	GPLD1 ( <a href="#">GPLD1 Products</a> )
Background:	Synonyms: Glycoprotein phospholipase D, Glycosyl-phosphatidylinositol-specific phospholipase D, GPI-PLD, GPI-specific phospholipase D, GPIPLD, GPIPLDM, GPLD1, PHLD_HUMAN, Phosphatidylinositol glycan specific phospholipase D, Phosphatidylinositol-glycan-specific phospholipase D, PI-G PLD, PIGPLD, PIGPLD1.

## Target Details

Background: Phosphatidylinositol-glycan-specific phospholipase D (GPI-PLD) is a high-density lipoprotein-associated protein found on chromosome 6p22 that specifically hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol-glycans (PI-Gs). GPI-PLD is found in serum, liver, cerebrospinal fluid and in milk. The majority of plasma GPI-PLD appears to be specifically associated with a small, discrete and minor fraction of lipoproteins containing apoA-I and apoA-IV. Serum GPI-PLD activity is reduced over 75 % in systemic inflammatory response syndrome and the downregulation of GPI-PLD could play an important role in the control of proinflammatory responses.

Gene ID:	2822
Pathways:	<a href="#">Inositol Metabolic Process</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Application Notes:	IF(IHC-P) 1:50-200
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months