

## ARG58865 anti-GPLD1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes GPLD1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GPLD1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 24-160 of Human GPLD1 (NP_001494.2).
Conjugation	Un-conjugated
Alternate Names	GPI-PLD; Phosphatidylinositol-glycan-specific phospholipase D; GPIPLDM; Glycosyl-phosphatidylinositol-specific phospholipase D; EC 3.1.4.50; PIGPLD1; PI-G PLD; GPI-specific phospholipase D; Glycoprotein phospholipase D; PIGPLD; PLD; GPIPLD

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	100 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

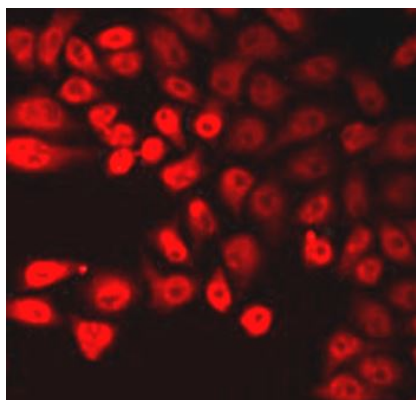
## Bioinformation

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Gene Symbol	GPLD1
Gene Full Name	glycosylphosphatidylinositol specific phospholipase D1
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]
Function	This protein hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans (GPI-anchor) thus releasing these proteins from the membrane. [UniProt]
Calculated Mw	92 kDa
Cellular Localization	Secreted. [UniProt]

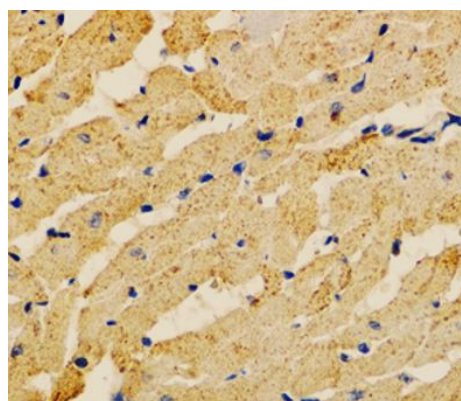
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## Images



ARG58865 anti-GPLD1 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG58865 anti-GPLD1 antibody.



ARG58865 anti-GPLD1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat heart stained with ARG58865 anti-GPLD1 antibody at 1:100 dilution.