

Anti-PLCA antibody



Description	Unconjugated Rabbit polyclonal to PLCA
Model	STJ190444
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human PLCA protein.
Immunogen Region	150-230aa
Gene ID	10554
Gene Symbol	AGPAT1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	PLCA Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed. Expressed in adipose tissue and at high levels in testis and pancreas. Expressed at lower levels in tissues such as heart, brain, placenta, kidney, lung, spleen, thymus, prostate, ovary, intestine, colon, leukocyte and liver.
Purification	PLCA antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha 1-acylglycerol-3-phosphate O-acyltransferase 1 1-AGP acyltransferase 1 1-AGPAT 1 Lysophosphatidic acid acyltransferase alpha LPAAT-alpha Protein G15

Molecular Weight	31 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:324 OMIM:603099
Alternative Names	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha 1-acylglycerol-3-phosphate O-acyltransferase 1 1-AGP acyltransferase 1 1-AGPAT 1 Lysophosphatidic acid acyltransferase alpha LPAAT-alpha Protein G15
Function	Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.
Sequence and Domain Family	The HXXXXD motif is essential for acyltransferase activity and may constitute the binding site for the phosphate moiety of the glycerol-3-phosphate.
Cellular Localization	Endoplasmic reticulum membrane

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