

## Anti-PLCA antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to PLCA
<b>Model</b>	STJ190444
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human PLCA protein.
<b>Immunogen Region</b>	150-230aa
<b>Gene ID</b>	<a href="#">10554</a>
<b>Gene Symbol</b>	<a href="#">AGPAT1</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	PLCA Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	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.
<b>Purification</b>	PLCA antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	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

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

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