

LPGAT1 Polyclonal Antibody

Catalog Number: PA5-45334

Product Data Sheet

Details		Species Reactivity	
Size	100 µl	Tested species reactivity	Human
Host / Isotype	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal	Western Blot (WB)	1 µg/ml
Type	Antibody	<p>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</p>	
Immunogen	Synthetic peptide directed towards the middle region of human LPGAT1		
Form	Liquid		
Concentration	0.5mg/ml		
Purification	Affinity Chromatography		
Storage Buffer	PBS with 2% sucrose		
Contains	0.09% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C		

Product Specific Information

Peptide sequence: DQQLLLKKH LENNYRSRDR KWIVLFPEGG FLRKRRETSQ AFAKNNLPF

Background/Target Information

LPGAT1 is a lysophosphatidylglycerol (LPG) specific acyltransferase that recognizes various acyl-CoAs and LPGs as substrates but demonstrates a clear preference for long chain saturated fatty acyl-CoAs and oleoyl-CoA as acyl donors. It prefers oleoyl-LPG over palmitoyl-LPG as an acyl receptor and oleoyl-CoA over lauroyl-CoA as an acyl donor.

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