

AGPAT3 antibody

Product Information

Catalog No.:	FNab00216
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Converts lysophosphatidic acid(LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone. Acts on LPA containing saturated or unsaturated fatty acids C16:0-C20:4 at the sn-1 position using C18:1, C20:4 or C18:2-CoA as the acyl donor. Also acts on lysophosphatidylcholine, lysophosphatidylinositol and lysophosphatidylserine using C18:1 or C20:4-CoA(PubMed:21173190). Has a preference for arachidonoyl-CoA as a donor. Has also a modest lysophosphatidylinositol acyltransferase(LPIAT) activity, converts lysophosphatidylinositol(LPI) into phosphatidylinositol(By similarity).

Immunogen information

Immunogen:	1-acylglycerol-3-phosphate O-acyltransferase 3
Synonyms:	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma 1-acylglycerol-3-phosphate O-acyltransferase 3 (1-AGP acyltransferase 3, 1-AGPAT 3) Lysophosphatidic acid acyltransferase gamma (LPAAT-gamma) AGPAT3 LPAAT3
Observed MW:	36-40 kDa
Uniprot ID :	Q9NRZ7

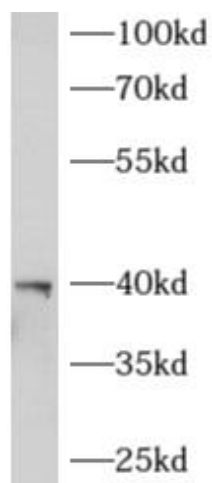
Application

Reactivity:	Human, Mouse, Rat
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:5000

Image:



mouse testis tissue were subjected to SDS PAGE followed by western blot with FNab00216(AGPAT3 Antibody) at dilution of 1:1000