

AGPAT3 Antibody

Catalog No: #34305

Package Size: #34305-1 50ul #34305-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

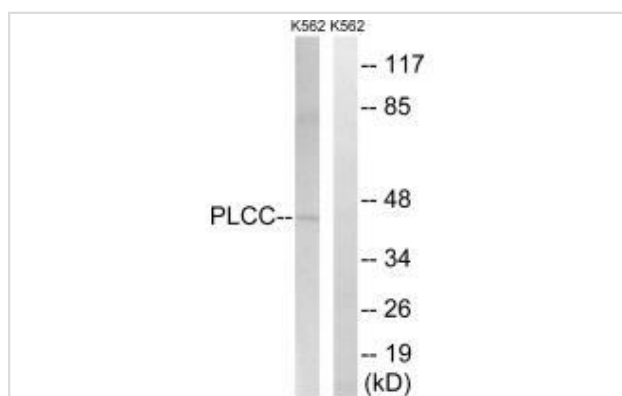
Description

Product Name	AGPAT3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AGPAT3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human AGPAT3.
Target Name	AGPAT3
Other Names	1-acylglycerol-3-phosphate o-acyltransferase 3; agpat3; agpat3 protein; lpaat-gamma1; lysophosphatidic acid acyltransferase-gamma1
Accession No.	Swiss-Prot: Q9NRZ7NCBI Gene ID: 56894
Uniprot	Q9NRZ7
GeneID	56894;
SDS-PAGE MW	40kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from K562 cells, using AGPAT3 antibody #34305.

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.

Leung D.W.; Front. Biosci. 6:D944-D953(2001).

Clark H.F., Genome Res. 13:2265-2270(2003).

Ota T., Nat. Genet. 36:40-45(2004).

Note: This product is for in vitro research use only