



Anti-AGPAT3 (aa 155-259) polyclonal antibody (DPAB-DC2536)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is an acyltransferase that converts lysophosphatidic acid into phosphatidic acid, which is the second step in the de novo phospholipid biosynthetic pathway. The encoded protein may be an integral membrane protein. Two transcript variants encoding the same protein have been found for this gene.
Immunogen	AGPAT3 (NP_064517, 155 a.a. ~ 259 a.a) partial recombinant protein with GST tag. The sequence is VVEGLRRLSDYPEYMWFLYCEGTRFTETKHRVSMEAAAKGLPVLKYHLLPRTKGFTTA VKCLRGTVAAVYDVTLNFRGNKNPSLLGILYGKKYEADMCVRRFP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AGPAT3 1-acylglycerol-3-phosphate O-acyltransferase 3 [Homo sapiens (human)]
------------------	--

Official Symbol	AGPAT3
Synonyms	AGPAT3; 1-acylglycerol-3-phosphate O-acyltransferase 3; LPAAT3; LPAAT-GAMMA1; 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma; 1-AGPAT 3; 1-AGP acyltransferase 3; lysophosphatidic acid acyltransferase gamma; lysophosphatidic acid acyltransferase-gamma1;
Entrez Gene ID	56894
Protein Refseq	NP_001032642
UniProt ID	Q9NRZ7
Chromosome Location	21q22.3
Pathway	CDP-diacylglycerol biosynthesis I; Glycerolipid metabolism; Glycerophospholipid metabolism; Metabolism of lipids and lipoproteins
Function	1-acylglycerol-3-phosphate O-acyltransferase activity;
