



Anti-AGPAT6 monoclonal antibody (DCABH-10462)

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

PRODUCT INFORMATION

Antigen Description	Lysophosphatidic acid acyltransferases (EC 2.3.1.51) catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA). LPA and PA are involved in signal transduction and lipid biosynthesis.
Immunogen	A synthetic peptide of human AGPAT6 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AGPAT6 1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta) [Homo sapiens]
Official Symbol	AGPAT6

Synonyms	AGPAT6; 1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta); glycerol-3-phosphate acyltransferase 6; DKFZp586M1819; LPAAT zeta; 1-AGP acyltransferase 6; lysophosphatidic acid acyltransferase zeta; testis spermatogenesis apoptosis-related protein 7; 1-acyl-sn-glycerol-3-phosphate acyltransferase zeta; LPAATZ; TSARG7; 1-AGPAT 6; LPAAT-zeta;
Entrez Gene ID	137964
Protein Refseq	NP_848934
UniProt ID	Q2TU73
Chromosome Location	8p11.21
Pathway	CDP-diacylglycerol biosynthesis I, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem.
Function	NOT 1-acylglycerol-3-phosphate O-acyltransferase activity; glycerol-3-phosphate O-acyltransferase activity; transferase activity, transferring acyl groups;