

Recombinant Human AGPAT4 Protein, GST-tagged

Cat. No. AGPAT4-432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AGPAT4 full-length ORF (NP_064518.1, 1 a.a. - 378 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. This integral membrane protein converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. [provided by RefSeq, Jul 2008]
Molecular Mass	70.4 kDa
AA Sequence	MDLAGLLKSQFLCHLVFCYVFIASGLIINTIQLFTLLLWPINKQLFRKINCRLSYCISSQL VMLLEWWSGTECTIFTDPRLAYLKYGKENAIVVLNHNKFEIDFLCGWSLSERFGLLGGS KVLAKKELAYVPIIGWMWYFTFEMVFCSRKWEQDRKTVATSLQHRLRDYPEKYFFLIHC EGTRFTEKKHEISMQVARAKGLPRLKHLLPRTKGFAITVRSLRNVVSAVYDCTLNF RNNENPTLLGLVNGKKYHADLYVRRIPLEDIPEDDDECSAWLHKLYQEKAQEEYY RTGTFPETPMVPPRRPWTLVNWLFWASLVLYPFFQFLVSMIRSGSSLTLASFILVFF VASVGVRWMIGVTEIDKGSAYGNSDSKQKLND
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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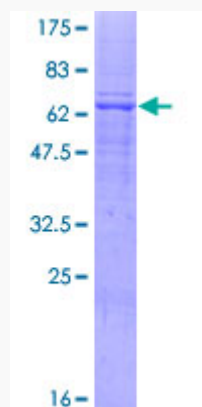
 45-1 Ramsey Road, Shirley, NY 11967, USA

	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	AGPAT4 1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta) [Homo sapiens]
Official Symbol	AGPAT4
Synonyms	AGPAT4; 1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta); 1-acyl-sn-glycerol-3-phosphate acyltransferase delta; dJ473J16.2; LPAAT delta; 1-AGPAT 4; 1-AGP acyltransferase 4; lysophosphatidic acid acyltransferase delta; lysophosphatidic acid acyltransferase-delta (LPAAT-delta); 1-AGPAT4; LPAAT-delta; RP3-473J16.2;
Gene ID	56895
mRNA Refseq	NM_020133
Protein Refseq	NP_064518
MIM	614795
UniProt ID	Q9NRZ5

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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