

AGPAT6 Conjugated Antibody

Catalog No: #C36064



Package Size: #C36064-AF350 100ul #C36064-AF405 100ul #C36064-AF488 100ul

#C36064-AF555 100ul #C36064-AF594 100ul #C36064-AF647 100ul

#C36064-AF680 100ul #C36064-AF750 100ul #C36064-Biotin 100ul

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Description

Product Name	AGPAT6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total AGPAT6 protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human 1-acylglycerol-3-phosphate O-acyltransferase 6
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LPAATZ; TSARG7; 1-AGPAT 6; LPAAT-zeta
Accession No.	Swiss-Prot#:Q86UL3NCBI Gene ID:137964NCBI mRNA#:NCBI Protein#:BC051377
Uniprot	Q86UL3
GeneID	137964;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	52
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Background

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. Esterifies acyl-group from acyl-ACP to the sn-1 position of glycerol-3-phosphate, an essential step in glycerolipid biosynthesis. Active against both saturated and unsaturated long-chain fatty acyl-CoAs.

Note: This product is for in vitro research use only