

Product datasheet for **CF809770**

MAG1 (GPAT3) Mouse Monoclonal Antibody [Clone ID: OTI1D4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1D4
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 41-131 of human AGPAT9 (NP_116106) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	glycerol-3-phosphate acyltransferase 3
Database Link:	NP_116106 Entrez Gene 84803 Human Q53EU6
Background:	This gene encodes a member of the lysophosphatidic acid acyltransferase protein family. The encoded protein is an enzyme which catalyzes the conversion of glycerol-3-phosphate to lysophosphatidic acid in the synthesis of triacylglycerol. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2012]

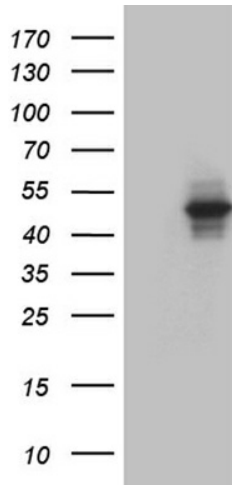


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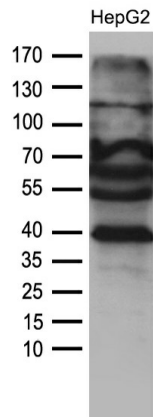
Synonyms: AGPAT8; AGPAT9; AGPAT 10; AGPAT10; HMFN0839; LPAAT-theta; MAG1

Protein Families: Transmembrane

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AGPAT9 ([RC219236], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AGPAT9 (1:2000). Positive lysates [LY403194] (100ug) and [LC403194] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from HEPG2 cell line by using anti-AGPAT9 monoclonal antibody (1:500).