

Product datasheet for **TA373352**

AGPAT1 Rabbit Polyclonal Antibody

Product data:

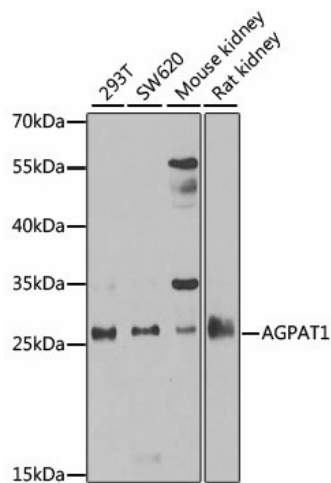
Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IP, 1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 204-283 of human AGPAT1 (NP_006402.1).
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	31kDa
Gene Name:	1-acylglycerol-3-phosphate O-acyltransferase 1
Database Link:	Entrez Gene 10554 Human Q99943
Background:	This gene encodes an enzyme that converts lysophosphatidic acid (LPA) into phosphatidic acid (PA). LPA and PA are two phospholipids involved in signal transduction and in lipid biosynthesis in cells. This enzyme localizes to the endoplasmic reticulum. This gene is located in the class III region of the human major histocompatibility complex. Alternative splicing results in two transcript variants encoding the same protein.



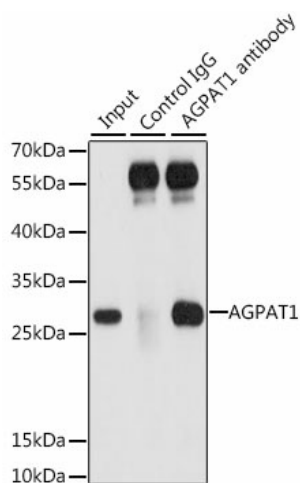
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Synonyms:

1-AGPAT1; G15; LPAAT-alpha; LPAATA; MGC4007; MGC5423; OTTHUMP00000029298; OTTHUMP00000029299; OTTHUMP00000029300; OTTHUMP00000174886

Product images:


Western blot analysis of extracts of various cell lines, using AGPAT1 antibody (TA373352) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 90s.



Immunoprecipitation analysis of 200ug extracts of 293T cells, using 3 ug AGPAT1 antibody (TA373352). Western blot was performed from the immunoprecipitate using AGPAT1 antibody (TA373352) at a dilution of 1:1000.