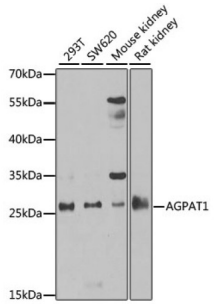
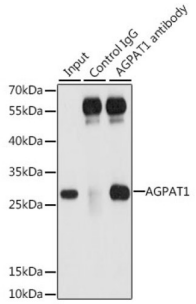
1-Acylglycerol-3-Phosphate O-Acyltransferase 1 (AGPAT1) Antibody

Catalogue No.:abx004997



Western blot analysis of various lysates using AGPAT1 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



Immunoprecipitation analysis of 200 µg extracts of 293T cells, using 3 µg AGPAT1 antibody. Western blot was performed from the immunoprecipitate using AGPAT1 antibody at a dilution of 1/1000.

AGPAT1 Antibody is a Rabbit Polyclonal antibody against AGPAT1. 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.

Target:	1-Acylglycerol-3-Phosphate O-Acyltransferase 1 (AGPAT1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IP
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 204-283 of human AGPAT1.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q99943 (UniProt, ExPASy)
Gene Symbol:	AGPAT1
GeneID:	10554
NCBI Accession:	NP_006402.1
KEGG:	hsa:10554
String:	9606.ENSP00000378877
Molecular Weight:	Calculated MW: 32 kDa Observed MW: 32 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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