Datasheet for ABIN6136638

anti-AGPAT1 antibody (AA 204-283)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	AGPAT1
Binding Specificity:	AA 204-283
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGPAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 204-283 of human AGPAT1 (NP_006402.1).
Sequence:	PIVPIVMSSY QDFYCKKERR FTSGQCQVRV LPPVPTEGLT PDDVPALADR VRHSMLTVFR EISTDGRGGG DYLKKPGGGG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

Target:	AGPAT1
Alternative Name:	AGPAT1 (AGPAT1 Products)
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.,AGPAT1,1-AGPAT1,G15,LPAAT-alpha,LPAATA,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,AGPAT1
Molecular Weight:	31 kDa
Gene ID:	10554
UniProt:	Q99943

Application Details

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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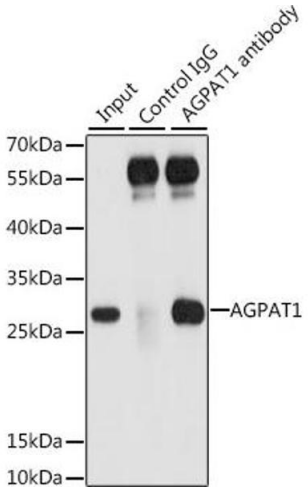
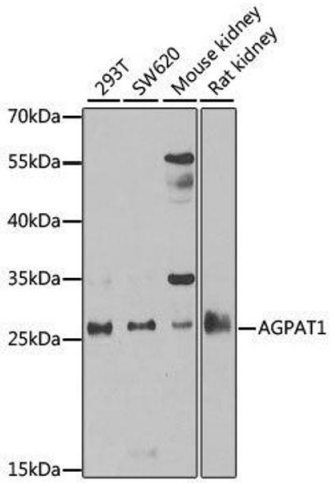


Immunoprecipitation

Image 1. Immunoprecipitation analysis of 200 µg extracts of 293T cells, using 3 µg antibody (ABIN6132132, ABIN6136638, ABIN6136639 and ABIN6222173). Western blot was performed from the immunoprecipitate using antibody (ABIN6132132, ABIN6136638, ABIN6136639 and ABIN6222173) at a dilition of 1:1000.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using AGPAT1 antibody.

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