

LPCAT4 Antibody

Catalog No: #37091

Orders: order@signalwayantibody.com

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Description

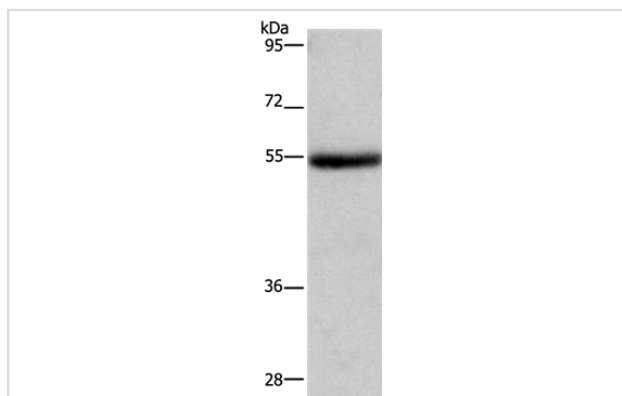
Product Name	LPCAT4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total LPCAT4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human lysophosphatidylcholine acyltransferase 4
Target Name	LPCAT4
Other Names	AYTL3; AGPAT7; LPEAT2; LPAAT-eta
Accession No.	Swiss-Prot#: Q643R3NCBI Gene ID: 254531Gene Accssion: NP_705841
Uniprot	Q643R3
GeneID	254531;
SDS-PAGE MW	57kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE

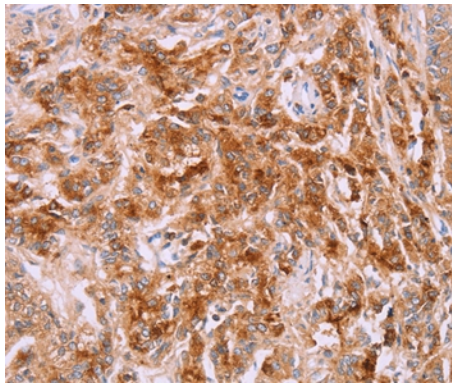
Lysates (from left to right): Human testis tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 8 minutes



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #37091 at dilution 1/15.

Background

Members of the 1-acylglycerol-3-phosphate O-acyltransferase (EC 2.3.1.51) family, such as AGPAT7, catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA), a precursor in the biosynthesis of all glycerolipids. Both LPA and PA are involved in signal transduction

Note: This product is for in vitro research use only