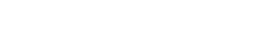
antibodies -online.com





Datasheet for ABIN672848

anti-Lipin 1 antibody (AA 241-340) (Biotin)



Overview

Quantity:	100 μL	
Target:	Lipin 1 (LPIN1)	
Binding Specificity:	AA 241-340	
Reactivity:	Rat, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Lipin 1 antibody is conjugated to Biotin	
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Lpin 1		
Isotype:	IgG		
Cross-Reactivity:	Mouse, Rat		
Purification:	Purified by Protein A.		

Target Details

Target:	Lipin 1 (LPIN1)	
Alternative Name:	Lpin1 (LPIN1 Products)	
Background:	Synonyms: fld, Lipin1, Kiaa0188, mKIAA0188, 4631420P06, Phosphatidate phosphatase LPIN1,	

Fatty liver	dystrophy	protein.	Lipin-1, Lpin1

Background: Plays important roles in controlling the metabolism of fatty acids at differents levels. Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis. Acts also as nuclear transcriptional coactivator for PPARGC1A/PPARA regulatory pathway to modulate lipid metabolism gene expression. Is involved in adipocyte differentiation. Isoform 1 is recruited at the mitochondrion outer membrane and is involved in mitochondrial fission by converting phosphatidic acid to diacylglycerol.

Gene ID: 14245

UniProt: Q91ZP3

Pathways: Monocarboxylic Acid Catabolic Process

Application Details

Application Notes: IHC-P 1:200-400

IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months