

Lipin 1 (LPIN1) Antibody | anti-LPIN1 antibody

Lipin 1 (LPIN1), Affinity Purified Antibody, Rabbit

CATALOG # AAA76452	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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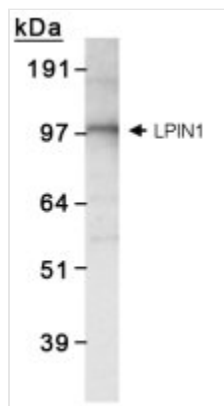
PRODUCT SYNONYMS

Lipin 1 (LPIN1); Affinity Purified Antibody; Rabbit; anti-LPIN1 antibody

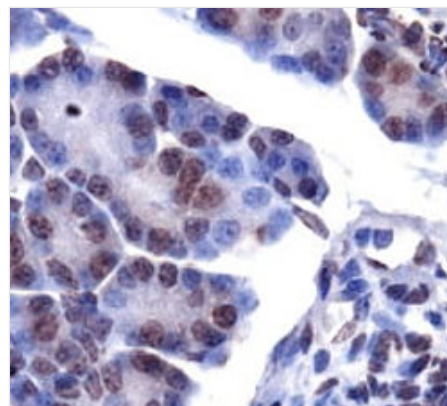
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Form/Format	Affinity Purified - Liquid
Sequence Length	896
Applicable Applications for anti-LPIN1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Type Info	Rabbit IgG
Immunogen	A synthetic peptide to an internal region (within residues 300-400) of the human LPIN1 protein. [Swiss-Prot# Q14693].

IMAGES



Application Data



Application Data

Image: LPIN1 staining of mouse pancreas tissue.

ADDITIONAL INFORMATION

Related Product Information for anti-LPIN1 antibody

The Lipin family of nuclear proteins contains three members: Lipin-1, Lipin-2 and Lipin-3, all of which contain a nuclear signal sequence, a highly conserved amino-terminal (NLIP) domain and a carboxy-terminal (CLIP) domain. LPIN1 (Lipin-1) is crucial for normal adipose tissue development and metabolism. LPIN1 selectively activates a subset of PGC-1 target pathways, including fatty acid oxidation and mitochondrial oxidative phosphorylation by inducing expression of the nuclear receptor PPAR. LPIN1 also inactivates the lipogenic program and suppresses circulating lipid levels. An abundance of LPIN1 promotes fat accumulation and insulin sensitivity, whereas a deficiency in LPIN1 may deter normal adipose tissue development, resulting in insulin resistance and lipodystrophy, a heterogeneous group of disorders characterized by loss of body fat, fatty liver, hypertriglyceridemia and insulin resistance.

Product Categories/Family for anti-LPIN1 antibody

Antibodies; Diabetes and Obesity; Lipin 1 (LPIN1)

NCBI AND UNIPROT INFORMATION

NCBI GI #	387528011
NCBI GeneID	23175
NCBI Accession #	NP_001248356.1
NCBI GenBank Nucleotide #	NM_001261427.1
Molecular Weight	107,861 Da
NCBI Official Full Name	phosphatidate phosphatase LPIN1 isoform 2
NCBI Official Synonym Full Names	lipin 1
NCBI Official Symbol	LPIN1
NCBI Official Synonym Symbols	PAP1
NCBI Protein Information	phosphatidate phosphatase LPIN1
UniProt Protein Name	Phosphatidate phosphatase LPIN1
UniProt Gene Name	LPIN1
UniProt Synonym Gene Names	KIAA0188
UniProt Entry Name	LPIN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/lipin-1-lpin1/76452>