

Rabbit anti-Human LPIN1 Polyclonal Antibody | anti-LPIN1 antibody

LPIN1 Antibody

CATALOG # AAA231331	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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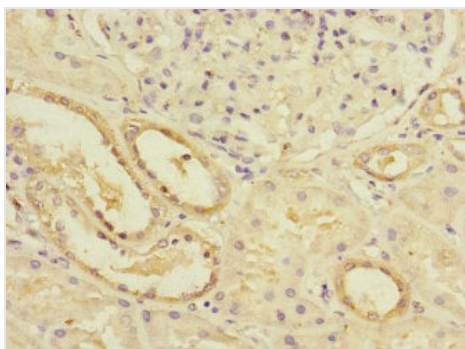
PRODUCT SYNONYMS

LPIN1; Polyclonal Antibody; LPIN1 Antibody; Phosphatidate phosphatase LPIN1; Lipin-1; KIAA0188; anti-LPIN1 antibody

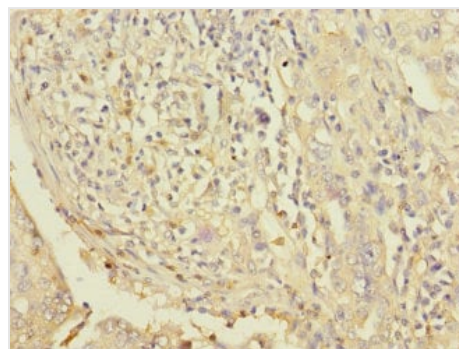
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	896
Applicable Applications for anti-LPIN1 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Phosphatidate phosphatase LPIN1 protein (C-150AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-50050 / sc-50049 / sc-98450
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue AAA231331 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer AAA231331 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-LPIN1 antibody	Plays important roles in controlling the metabolism of fatty acids at different levels. Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis in the reticulum endoplasmic membrane. Acts also as a nuclear transcriptional coactivator for PPARGC1A/PPARA to modulate lipid metabolism gene expression (By similarity). Is involved in adipocyte differentiation. May also be involved in mitochondrial fission by converting phosphatidic acid to diacylglycerol (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	387528011
NCBI GeneID	23175
NCBI Accession #	NP_001248356.1
NCBI GenBank Nucleotide #	NM_001261427.1
UniProt Accession #	Q14693; Q53T25; A8MU38; B4DET9; B4DGS4; B4DGZ6; B5MC18; B7Z858; D6W506; E7ESE7; F5GY24
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.