

Datasheet for ABIN2785598
anti-Lipin 1 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	Lipin 1 (LPIN1)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Guinea Pig, Horse, Rabbit, Cow, Pig, Saccharomyces cerevisiae, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lipin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LPIN1
Sequence:	SLAVIYPQSA SYPNSDREWS PTPSPSGSRP STPKSDSELV SKSTERTGQK
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Yeast: 91%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against LPIN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Lipin 1 (LPIN1)
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Target Details

Alternative Name:	LPIN1 (LPIN1 Products)
Background:	<p>This gene represents a candidate gene for human lipodystrophy, characterized by loss of body fat, fatty liver, hypertriglyceridemia, and insulin resistance. Mouse studies suggest that LPIN1 functions during normal adipose tissue development and may also play a role in human triglyceride metabolism. This gene represents a candidate gene for human lipodystrophy, characterized by loss of body fat, fatty liver, hypertriglyceridemia, and insulin resistance. Mouse studies suggest that this gene functions during normal adipose tissue development and may also play a role in human triglyceride metabolism. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: DKFZp781P1796, KIAA0188, PAP1</p> <p>Protein Interaction Partner: FBXW11, PAH1, CDK6, UBC, PPARA, NFATC4,</p> <p>Protein Size: 890</p>
Molecular Weight:	98 kDa
Gene ID:	23175
NCBI Accession:	NM_145693 , NP_663731
UniProt:	Q14693
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 890 AA
Restrictions:	For Research Use only

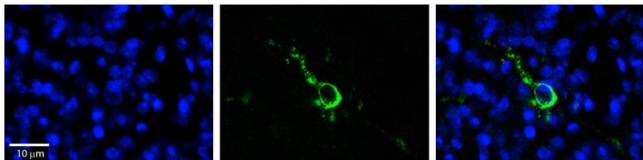
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

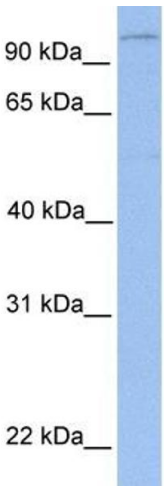
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Rabbit Anti-LPIN1 Antibody Catalog Number: ARP53826_P050 Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Cytoplasmic and membrane in cell bodies and processes of pinealocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Western Blotting

Image 2. WB Suggested Anti-LPIN1 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate LPIN1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells