Datasheet for ABIN540692

anti-Lipin 1 antibody (AA 500-600)

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Overview

Quantity:	100 µL
Target:	Lipin 1 (LPIN1)
Binding Specificity:	AA 500-600
Reactivity:	Human, Rat, Mouse, Primate
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lipin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of LPIN1.
Immunogen:	A synthetic peptide corresponding to amino acids 500-600 of human LPIN1.
Cross-Reactivity:	Human, Mouse, Primate, Rat

Target Details

Target:	Lipin 1 (LPIN1)
Alternative Name:	Lipin-1 (LPIN1 Products)
Gene ID:	23175
Pathways:	Monocarboxylic Acid Catabolic Process

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Application Details

Application Notes:	Western Blot (2 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (30 % glycerol, 0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Finck, Gropler, Chen, Leone, Croce, Harris, Lawrence, Kelly: "Lipin 1 is an inducible amplifier of the hepatic PGC-1alpha/PPARalpha regulatory pathway." in: **Cell metabolism**, Vol. 4, Issue 3, pp. 199-210, (2006) (PubMed). Péterfy, Phan, Reue: "Alternatively spliced lipin isoforms exhibit distinct expression pattern, subcellular localization, and role in adipogenesis." in: **The Journal of biological chemistry**, Vol. 280, Issue 38, pp. 32883-9, (2005) (PubMed). Huffman, Mothe-Satney, Lawrence: "Insulin-stimulated phosphorylation of lipin mediated by the mammalian target of rapamycin." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 99, Issue 2, pp. 1047-52, (2002) (PubMed).

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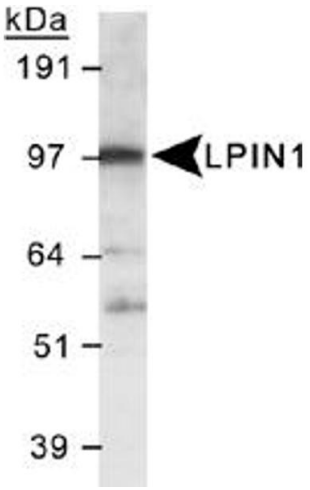

Western Blotting

Image 1. Western blot analysis of LPIN1 in 3T3-L1 lysate using LPIN1 polyclonal antibody .

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