SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-PNPLA3/Biotin Conjugated antibody

Catalog Number: SL24045R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-PNPLA3/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from mouse PNPLA3
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse
Background:	background: The protein encoded by this gene is a triacylglycerol lipase that mediates triacylglycerol hydrolysis in adipocytes. The encoded protein, which appears to be membrane bound, may be involved in the balance of energy usage/storage in adipocytes. [provided by RefSeq, Jul 2008] **Function:** Multifunctional enzyme which has both triacylglycerol lipase and acylglycerol O-acyltransferase activities. **Subcellular Location:** Membrane; Single pass type II membrane protein. DISEASE: Disease susceptibility is associated with variations affecting the gene represented in this entry. Disease description:A condition characterized by accumulation of triglycerides in the liver. It is associated with adverse metabolic consequences, including insulin resistance and dyslipidemia. In a subset of individuals, hepatic steatosis promotes an inflammatory response in the liver, referred to as steatohepatitis, which can progress to cirrhosis and liver cancer. NAFLD is the most common form of liver disease in Western countries.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Similarity: Contains 1 patatin domain. **Database links:** **Entrez Gene:** 609368 Dog **Entrez Gene:** 101131854 Gorilla **Entrez Gene:** 101824852 Hamster **Entrez Gene:** 80339 Human **Entrez Gene:** 100406659 Marmoset (common) **Entrez Gene:** 116939 Mouse **Entrez Gene:** 100344884 Rabbit **Entrez Gene:** 362972 Rat Omim: 609567 Human **SwissProt:** Q9NST1 Human **SwissProt:** Q91WW7 Mouse **Unigene:** 654800 Human **Unigene:** 390817 Mouse **Unigene:** 97779 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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