



AVISCERA BIOSCIENCE®

PNPLA3 ELISA Kit Monoclonal Antibodies & Proteins

Human PNPLA3/Adiponutrin ELISA Kit

Patatin-like Phospholipase Domain Protein 3 (PNPLA3)/Adiponutrin

Human PNPLA3 /Adiponutrin ELISA Kit

Catalog No.: SK00067-09 Size: 48T, 96T, 192T

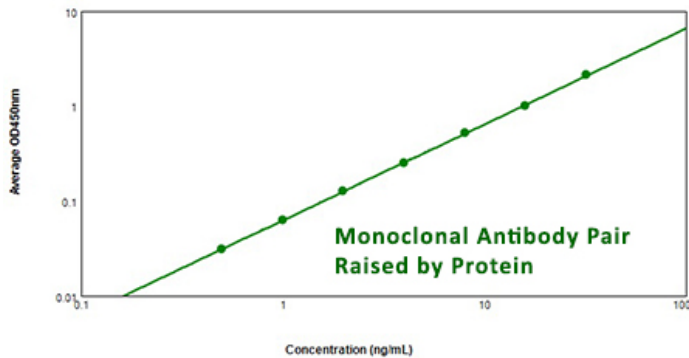
Assay Range: 0.5 ~ 32 ng/mL

Sensitivity: 0.1 ng/mL

Calibration: rh PNPLA3/Adiponutrin Rec.

Sample Type: Serum, Plasma, Tissue Homogenates

Aviscera Bioscience PNPLA3/Adiponutrin Assay



Human PNPLA3/Adiponutrin His Tag

Catalog No.: 00067-01-100

Aviscera Bioscience Manufactured

66 KD

44 KD

35 KD

25 KD

Human PNPLA3/Adiponutrin ELISA Kit

Code No.: SK00067-09

Size: 48T, 96T & 192T

Price: \$560 per 48T, \$790 per 96T

Standard range: 0.5 ~ 32 ng/ml

Sensitivity: 100 pg/ml

Specificity: Human PNPLA3

Calibration: Human PNPLA3 Rec.

Sample Type: Recombinant, Tissue Homogenates,
Serum, EDTA Plasma,

Intra-CV: 2-4%

Inter-CV: 4-9%

Monoclonal Antibody Pair raised by rh
PNPLA3. Non by Peptide.

Human PNPLA3/Adiponutrin His Tag Rec.

Code No.: 00067-01-100

Size: 100 ug

Price: \$500.00 USD

Sequence: 1~ 481

Protein ID: NP_079501.2

Gene ID: NM_025225.2

Expression: E. Coli

Tag: His Tag on N-terminus

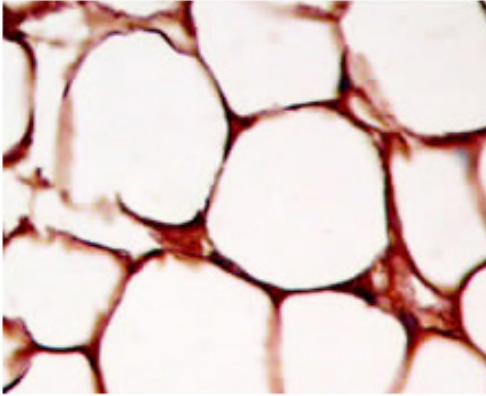
MW: 67KD

Purity: 90%

Formulation: TBS, pH 8.0 ,lyophilized

Anti Human PNPLA3 Antibody

Human Adipose Tissues was immunostained by Anti PNPLA3 (H) IgG A00067-01-100 (1~ 4 ug/mL)



Aviscera Bioscience's
PNPLA3 Antibody A00067-01-100

Anti Human PNPLA3 IgG

Code No.: A00067-01-100

Size: 100 ug

Price: \$469.00 USD

Host: Rabbi

Antibody: Polyclonal IgG

Immunogen: Human PNPLA3 Rec.

Purification: Protein A

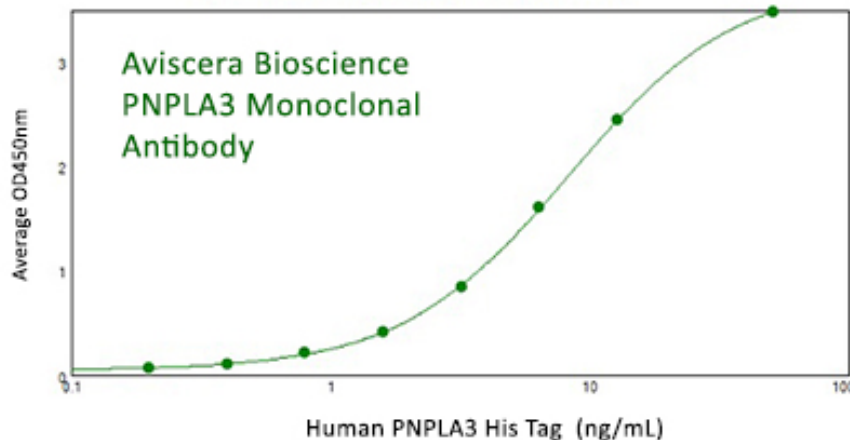
Application: IHC, ELISA

Formulation: PBS, lyophilized

Anti PNPLA3 / Adiponutrin Monoclonal Antibody (1F9B12)
Catalog No.: A00067-02-100 as Capture (3 ~ 4 ug/mL) . The
Precoated Plates were blocked by Blocking Solution
(BS-10-1000) for 4 hours. Seal it and store at 2 ~ 8 C for 12
months.

Anti PNPLA3 / Adiponutrin Monoclonal Antibody (1F8A8)
Biotinylated Catalog No.: A00067-03-50B as Detection (0.5 ~
1 ug/mL).

Human PNPLA3 / Adiponutrin His Tag Recombinant
Protein Catalog No.: 00067-01-100 was detection by
Monoclonal Antibody Pair.



PNPLA3 is a gene that codes for a protein involved in lipid metabolism, particularly in fat cells and liver cells. It is also known as adiponutrin or Ca²⁺-independent phospholipase A2 epsilon (iPLA2ε). The PNPLA3 protein is thought to play a role in regulating fat production, storage, and breakdown.

1. Function and Location:

PNPLA3 protein is primarily found in fat cells (adipocytes) and liver cells (hepatocytes).

It is a membrane protein that is closely associated with the endoplasmic reticulum and lipid droplet membranes.

It is believed to be involved in regulating fat production (lipogenesis) and breakdown (lipolysis).

2. Potential Role in Disease:

The PNPLA3 gene has been linked to an increased risk of non-alcoholic fatty liver disease (NAFLD), particularly the variant PNPLA3-I148M.

This variant is associated with fat accumulation in the liver and can lead to liver inflammation and fibrosis.

PNPLA3 has also been implicated in other diseases, including type 2 diabetes, coronary artery disease, and kidney disease.

3. Regulation:

The expression of the PNPLA3 gene is regulated by nutritional status.

Its activity increases after eating, suggesting it plays a role in processing and storing dietary fats.

Studies have shown that PNPLA3 is up-regulated in response to environmental insults, such as caloric excess or infections.

4. PNPLA3 as a Potential Therapeutic Target:

Due to its role in NAFLD and other diseases, PNPLA3 has been identified as a potential therapeutic target for developing treatments for liver diseases.

Research is ongoing to identify ways to modulate PNPLA3 expression or activity to improve liver health.

Patatin-like Phospholipase Domain Protein 3 (PNPLA3)/Adiponutrin

Product Name	Catalog No.	Size	Price
PNPLA3/Adiponutrin Human ELISA Kit	SK00067-09	96 T	790
PNPLA3/Adiponutrin Human ELISA Kit	SK00067-09	48 T	560
PNPLA3/Adiponutrin Human ELISA Kit	SK00067-09B	192 T	1380
PNPLA3/Adiponutrin Human ELISA Kit	SK00067-01B	192 T	1280
Anti Human PNPLA3 Monoclonal Antibody (1F9B12)	A00067-02-100	100 µg	469
Anti Human PNPLA3 Monoclonal Antibody (1F8A8)	A00067-03-100	100 µg	490
Anti Human PNPLA3 Monoclonal Antibody	A00067-04-100	100 µg	469
Anti Human PNPLA3 Monoclonal Antibody (1F8A8) Biotinylated	A00067-03-50B	50 µg	590
Anti Human PNPLA3 Monoclonal Antibody	A00067-06-100	100 µg	469
Human PNLA3 His Tag Recombinant	00067-01-100	100 µg	500
Anti Human PNPLA3 Monoclonal Antibody	A00067-07-100	100 µg	469
Ani Human PNPLA3 IgG	A00067-01-100	100 µg	469
Ani Human PNPLA3 IgG Biotinylated	A00067-01-100B	100 µg	690

- **New Anti Human ACE2 Monoclonal Antibody Pairs**
- **High Sensitivity Human Soluble ACE2 ELISA Kit**
- **New Anti Soluble CD14 Monoclonal Antibody Pairs**
- **New Soluble CD14 ELISA Kit**
- **New Anti Human OBP2A/Lipocalin 13 Monoclonal Antibody**
- **New OBP2A/LCN13 Human ELISA Kit**
- **New Anti Pro BDNF Human Monoclonal Antibody**
- **New Anti Human sLOX-1 Monoclonal Antibody**
- **New Anti FGF23 CT Peptide Monoclonal Antibody**
- **New Anti Human FGF23 Monoclonal Antibody**
- **New Anti Mesothelin Monoclonal Antibody**
- **New Anti MPF Monoclonal Antibody**
- **New Anti CHGA (19-131) Human Monoclonal Antibody**
- **New Anti CHGA (19-94) Human Monoclonal Antibody**
- **New Anti Epigen Human Monoclonal Antibody**
- **New Anti ESM-1/Endocan Monoclonal Antibody**
- **New Anti NRG4 MAB**
- **New Anti S100A6 MAB**
- **New Anti Pro NGF Human MAB**
- **New Anti BDNF Human MAB**
- **New Anti LECT2 Human MAB**