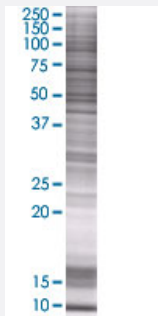


PNPLA3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00080339-T01

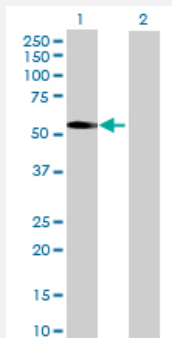
Size 100 uL

Applications



SDS-PAGE Gel

PNPLA3 transfected lysate.



Western Blot

Lane 1: PNPLA3 transfected lysate (53.02 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PNPLA3 full-length
Host	Human
Theoretical MW (kDa)	53.02
Interspecies Antigen Sequence	Mouse (67); Rat (65)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PNPLA3 antibody ([H00080339-B01](#)) by Western Blots.
SDS-PAGE Gel
PNPLA3 transfected lysate.
Western Blot
Lane 1: PNPLA3 transfected lysate (53.02 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PNPLA3

Entrez GeneID

[80339](#)

GeneBank Accession#

[BC065195.1](#)

Protein Accession#

[AAH65195.1](#)

Gene Name

PNPLA3

Gene Alias

ADPN, C22orf20, iPLA(2)epsilon

Gene Description

patatin-like phospholipase domain containing 3

Omim ID

[609567](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

OTTHUMP00000028602|adiponutrin

Pathway

- [1- and 2-Methylnaphthalene degradation](#)

- [Benzoate degradation via CoA ligation](#)
- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Limonene and pinene degradation](#)
- [Metabolic pathways](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Fatty Liver](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Overweight](#)