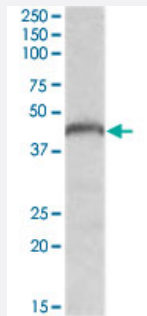


PNPLA3 polyclonal antibody

Catalog # PAB7591

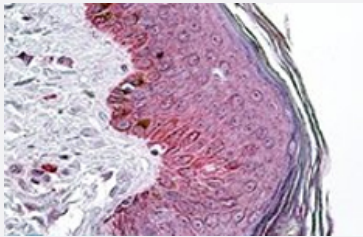
Size 100 ug

Applications



Western Blot (Tissue lysate)

PNPLA3 polyclonal antibody (Cat # PAB7591)(0.05 ug/mL) staining of mouse heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

PNPLA3 polyclonal antibody (Cat # PAB7591)(3.8 ug/mL) staining of paraffin embedded human skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PNPLA3.
Immunogen	A synthetic peptide corresponding to internal region of human PNPLA3.
Sequence	EHDICPKVKSTN
Host	Goat
Theoretical MW (kDa)	42.6
Reactivity	Human, Mouse

Specificity	This antibody is raised against a peptide derived from the mouse protein sequence and this peptide differs from human only in position 2.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.05-0.2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(4-6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — PNPLA3

Entrez GeneID	80339
Protein Accession#	NP_473429.2
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](#)