

ARG64482 anti-PNPLA3 / Adiponutrin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PNPLA3 / Adiponutrin
Tested Reactivity	Hu, Ms
Predict Reactivity	Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	This antibody is raised against a peptide derived from the Mouse protein sequence and this peptide differs from Human only in position 2.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PNPLA3 / Adiponutrin
Species	Mouse
Immunogen	EHDICPKVKSTN
Conjugation	Un-conjugated
Alternate Names	ADPN; Calcium-independent phospholipase A2-epsilon; iPLA(2)epsilon; Adiponutrin; Patatin-like phospholipase domain-containing protein 3; iPLA2-epsilon; EC 2.3.1.-; C22orf20; EC 3.1.1.3; Acylglycerol O-acyltransferase

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay - dependent
	IHC-P	8 µg/ml
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

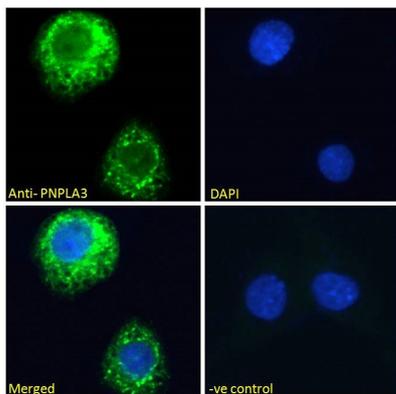
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

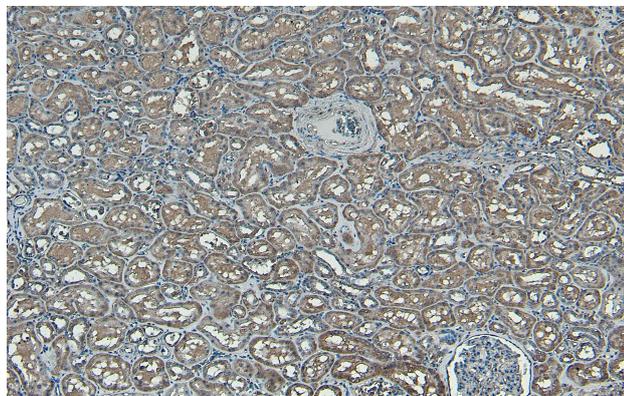
Database links	GeneID: 116939 Mouse GeneID: 80339 Human Swiss-port # Q91WW7 Mouse Swiss-port # Q9NST1 Human
Background	The protein encoded by this gene is a triacylglycerol lipase that mediates triacylglycerol hydrolysis in adipocytes. The encoded protein, which appears to be membrane bound, may be involved in the balance of energy usage/storage in adipocytes. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	53 kDa

Images



ARG64482 anti-PNPLA3 / Adiponutrin antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed HepG2 cells permeabilized with 0.15% Triton. Cells were stained with ARG64482 anti-PNPLA3 / Adiponutrin antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



ARG64482 anti-PNPLA3 / Adiponutrin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG64482 anti-PNPLA3 / Adiponutrin antibody at 8 µg/ml dilution followed by HRP-staining.



ARG64482 anti-PNPLA3 / Adiponutrin antibody WB image

Western blot: 35 µg of Mouse adrenal gland lysate (in RIPA buffer) stained with ARG64482 anti-PNPLA3 / Adiponutrin antibody at 0.03 µg/ml dilution and incubated at RT for 1 hour.