

Datasheet for ABIN954228

anti-PNPLA3 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	PNPLA3
Binding Specificity:	AA 108-137, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPLA3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 108-137 amino acids from the N-terminal region of Human PNPLA3 Genename: PNPLA3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes PNPLA3 (N-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Protein A Chromatography followed by peptide affinity purification.

Target Details

Target:	PNPLA3
Alternative Name:	PNPLA3 / ADPN (PNPLA3 Products)

Target Details

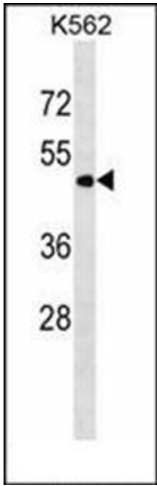
Background:	The protein encoded by this gene is a triacylglycerol lipase that mediates triacylglycerol hydrolysis in adipocytes. The encoded protein, which appears to be membrane bound, may be involved in the balance of energy usage/storage in adipocytes.Synonyms: Acylglycerol O-acyltransferase, Adiponutrin, C22orf20, Calcium-independent phospholipase A2-epsilon, Patatin-like phospholipase domain-containing protein 3, iPLA2 epsilon
Gene ID:	80339
NCBI Accession:	NP_079501

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis in K562 cell line lysates (35ug/lane) using PNPLA3 Antibody (N-term) Cat.-No AP53370PU-N. This demonstrates the PNPLA3 antibody detected the PNPLA3 protein (arrow).