

PLIN rabbit monoclonal antibody

Catalog # H00005346-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PLIN peptide using ARM Technology.
Immunogen	A synthetic peptide of human PLIN is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PLIN peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PLIN

Entrez GeneID [5346](#)

GeneBank Accession# [PLIN](#)

Gene Name PLIN

Gene Alias PERI

Gene Description perilipin

Omim ID [170290](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq]

Other Designations lipid droplet-associated protein

Pathway

- [PPAR signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Atherosclerosis](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)

- [Cerebral Hemorrhage](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)
- [Weight Loss](#)