

RecomAb™

PLIN1 recombinant monoclonal antibody, clone R08-9B4

Catalog # RAB06548 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PLIN1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human PLIN1.
Theoretical MW (kDa)	Calculated MW: 56 kD
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Western Blot
- Immunofluorescence

Gene Info — PLIN

Entrez GeneID [5346](#)

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](#)