

## PLIN1

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**Reactivity:**Human

**Tested applications:**WB ICC

**Recommended Dilution:**WB 1:500 - 1:2000 ICC 1:50 - 1:200

**Calculated MW:**56kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human PLIN1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PERI; PLIN; FPLD4;

**Catalog #:**A0187

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5346

**Isotype:**IgG

**Swiss Prot:**O60240

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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