

Datasheet for ABIN629870
anti-PLIN1 antibody (N-Term)



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1 Image

1 Publication

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µg |
| Target: | PLIN1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PLIN1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|---------------|---|
| Immunogen: | Perilipin antibody was raised using the N terminal of PLIN corresponding to a region with amino acids STQFTAANELACRGLDHLEEKIPALQYPPEKIASLKDITSTRLRSARNS |
| Specificity: | Perilipin antibody was raised against the N terminal of PLIN |
| Purification: | Purified |

Target Details

| | |
|-------------------|---|
| Target: | PLIN1 |
| Alternative Name: | Perilipin (PLIN1 Products) |
| Background: | PLIN coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of |

Target Details

lipolysis.

Molecular Weight: 57 kDa (MW of target protein)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: WB: 1.25 µg/mL
Optimal conditions should be determined by the investigator.

Comment: Perilipin Blocking Peptide, catalog no. 33R-8885, is also available for use as a blocking control in assays to test for specificity of this Perilipin antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PLIN antibody in PBS

Concentration: Lot specific

Buffer: PBS

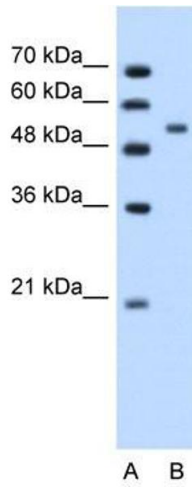
Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Publications

Product cited in: Rudolph, Jackman, Presby, Houck, Webb, Johnson, Soderborg, de la Houssaye, Yang, Friedman, MacLean: "Low Neonatal Plasma n-6/n-3 PUFA Ratios Regulate Offspring Adipogenic Potential and Condition Adult Obesity Resistance." in: **Diabetes**, Vol. 67, Issue 4, pp. 651-661, (2018) ([PubMed](#)).



Western Blotting

Image 1. Perilipin antibody used at 1.25 ug/ml to detect target protein.