



A Reliable Research Partner in Life Science and Medicine

Recombinant Perilipin-2 Monoclonal Antibody

catalog number: AN301955L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Rat; Mouse

Immunogen Recombinant human Perilipin-2 fragment

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A671

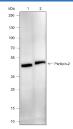
Purification Protein Apurified

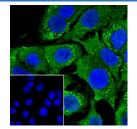
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:1000 **IF** 1:50

Data





Western Blot with Perilipin-2 Monoclonal Antibody at dilution Immunofluorescent analysis of (4% Paraformaldehyde) fixed of 1:1000. Lane 1: Mouse brain, Lane 2: Rat brain HepG2 cells using anti-Perilipin-2 Monoclonal Antibody at dilution of 1:50.

Calculated-MW:48 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

ADFP also known as ADRP (adipocyte differentiation related protein), adipophilin, or perilipin-2, is a member of PAT family which is responsible for the transportation of lipids and the formation of lipid droplets. ADRP is localized on the surface of lipid droplets in a variety of tissues and cell lines. ADRP is not detected in undifferentiated cells but increases rapidly to high levels when adipocyte precursors differentiate into adipocytes. Anti-ADRP antibody is a reliable and sensitive marker for lipid droplet. Enhanced expression of ADRP is linked to diseases with abnormal lipid storage, including hepatic steatosis, atherosclerosis and diabetes. Immunohistochemistry of ADRP may facilitate histomorphological diagnosis of these diseases.

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