Recombinant Perilipin-2 Monoclonal Antibody

catalog number: **AN301955L**

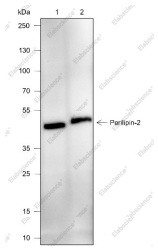
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human ADFP
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131576
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000

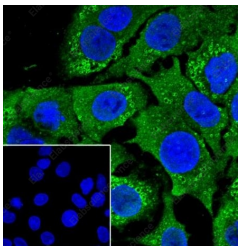
Data



Western Blot with Perilipin-2 Monoclonal Antibody at dilution of 1:1000. Lane 1: Mouse brain, Lane 2: Rat brain

Observed-MW:48 kDa

Calculated-MW:48 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HepG2 cells using anti-Perilipin-2 Monoclonal Antibody at dilution of 1:50.

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.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com