

Datasheet for ABIN6939160

Recombinant anti-ADRP antibody (AA 249-376)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	ADRP (PLIN2)
Binding Specificity:	AA 249-376
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ADRP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Coating (Coat), Staining Methods (StM)

Product Details

Immunogen:	Recombinant fragment (around aa 249-376) of human Adipophilin (ADFP) protein (exact sequence is proprietary)
Clone:	ADFP-2755R
Isotype:	IgG
Specificity:	Recognizes a protein of 48 kDa, which is identified as Adipophilin. It belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and

Product Details

epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases.

Purification: Purified by Protein A/G

Target Details

Target: ADRP (PLIN2)

Alternative Name: PLIN2 ([PLIN2 Products](#))

Molecular Weight: 48kDa

Gene ID: 123

UniProt: [Q99541](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Lipid Metabolism](#)

Application Details

Application Notes: Positive Control: HepG2 or JAR cells. Liver, Adrenal gland or Cerebellum.
Known Application: ELISA (For coating, order Ab without BSA), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes) Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

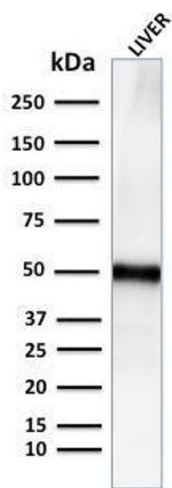
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

Handling

is stable for 24 months. Non-hazardous. No MSDS required.

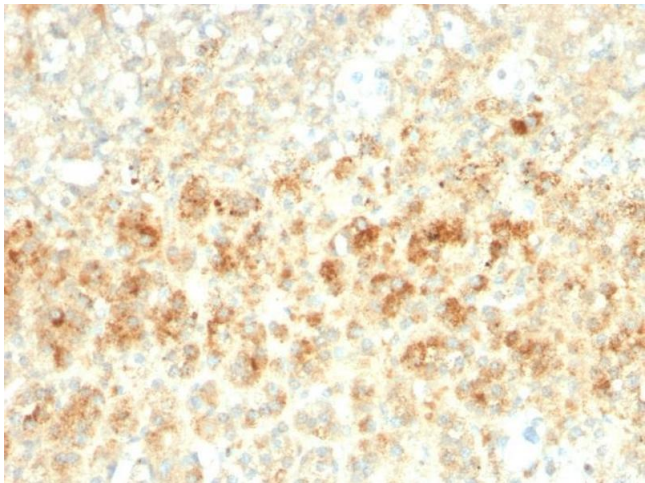
Expiry Date: 24 months

Images



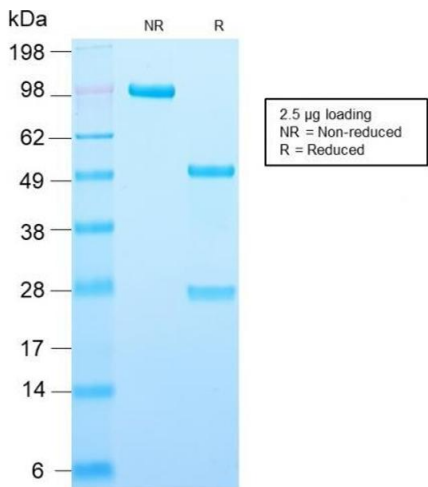
Western Blotting

Image 1. Western Blot Analysis for human Liver tissue lysate using Adipophilin Recombinant Rabbit Monoclonal Antibody (ADFP/2755R).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Adrenal Gland stained with Adipophilin Recombinant Rabbit Monoclonal Antibody (ADFP/2755R).



SDS-PAGE

Image 3. SDS-PAGE Analysis Purified Adipophilin Recombinant Rabbit Monoclonal Antibody (ADFP/2755R). Confirmation of Integrity and Purity of Antibody.