

## Anti-ADRP/Perilipin 2/PLIN2 Antibody

Catalog Number: A04328-1

### About PLIN2

Adipose differentiation-related protein, also known as perilipin 2 (PLIN2), ADRP or adipophilin, is a protein which in humans is encoded by the ADFP gene. The protein encoded by this gene 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 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. Alternatively spliced transcript variants have been found for this gene.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-ADRP/Perilipin 2/PLIN2 Antibody  |
| Reactive Species     | Human, Mouse, Rat   |
| Description          | Boster Bio Anti-ADRP/Perilipin 2/PLIN2 Antibody catalog # A04328-1. Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.  |
| Application          | ELISA, IF, IHC, ICC, WB   |
| Clonality            | Polyclonal  |
| Formulation          | 500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used.<br>For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.   |
| Host                 | Rabbit  |
| Uniprot ID           | Q99541  |

### Technical Details

|               |   |
|---------------|---|
| Immunogen     | E.coli-derived human ADRP/Perilipin 2/PLIN2 recombinant protein (Position: E91-H437). |
| Form          | Liquid  |
| Concentration | 500 ug/ml   |
| Purification  | Immunogen affinity purified.  |

Suggested Dilutions

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-400  
Immunocytochemistry/Immunofluorescence, 1:50-400  
ELISA, 1:100-1000

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**Anti-ADRP/Perilipin 2/PLIN2 Antibody**

For Research Use Only. Not for use in diagnostic procedures.