

## Rabbit anti-Human, Mouse PLIN2 Polyclonal Antibody | anti-PLIN2 antibody

PLIN2 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA166503 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

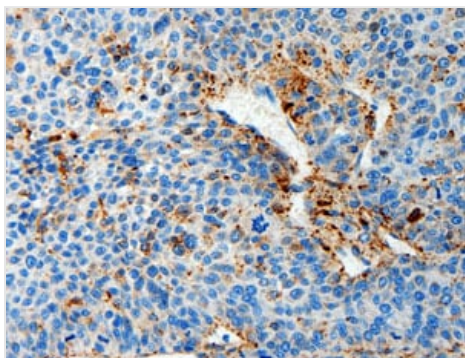
### PRODUCT SYNONYMS

PLIN2; Polyclonal Antibody; PLIN2 Polyclonal Antibody; ADFP; ADRP; anti-PLIN2 antibody

### PRODUCT SPECIFICATIONS

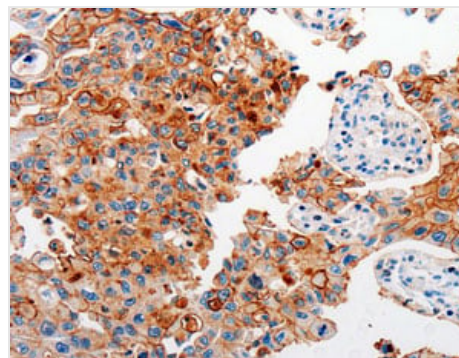
|                                                 |                                                      |
|-------------------------------------------------|------------------------------------------------------|
| Host                                            | Rabbit                                               |
| Reactivity                                      | Human, Mouse                                         |
| Clonality                                       | Polyclonal                                           |
| Isotype                                         | IgG                                                  |
| Purity/Purification                             | Antigen affinity purification                        |
| Sequence Length                                 | 437                                                  |
| Applicable Applications for anti-PLIN2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| Immunogen                                       | Synthetic peptide of human PLIN2                     |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3     |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.     |

### IMAGES



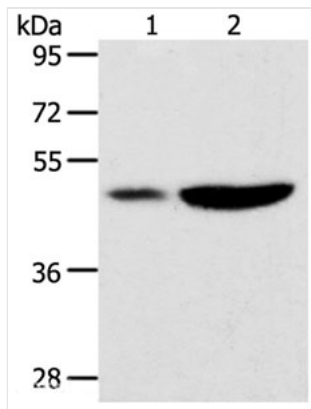
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using PLIN2 Polyclonal Antibody at dilution of 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using PLIN2 Polyclonal Antibody at dilution of 1:25



**WB (Western Blot)**  
 Western Blot analysis of Human liver cancer and Mouse brain tissue using PLIN2 Polyclonal Antibody at dilution of 1:300

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PLIN2 antibody | 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. |
| Product Categories/Family for anti-PLIN2 antibody   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 34577059                                                          |
| NCBI GeneID                      | 123                                                               |
| NCBI Accession #                 | NP_001113                                                         |
| NCBI GenBank Nucleotide #        | NM_001122.3                                                       |
| UniProt Accession #              | Q99541; Q9BSC3                                                    |
| Molecular Weight                 | 48 kDa                                                            |
| NCBI Official Full Name          | perilipin-2                                                       |
| NCBI Official Synonym Full Names | perilipin 2                                                       |
| NCBI Official Symbol             | PLIN2                                                             |
| NCBI Official Synonym Symbols    | ADFP; ADRP                                                        |
| NCBI Protein Information         | perilipin-2; adipophilin; adipose differentiation-related protein |
| UniProt Protein Name             | Perilipin-2                                                       |
| UniProt Gene Name                | <b>PLIN2</b>                                                      |
| UniProt Synonym Gene Names       | ADFP; ADRP                                                        |
| UniProt Entry Name               | PLIN2_HUMAN                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

