

## ARG64191 anti-Perilipin 3 antibody

Package: 100 µg  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes Perilipin 3   |
| Tested Reactivity   | Rat   |
| Predict Reactivity  | Ms  |
| Tested Application  | WB  |
| Host                | Goat  |
| Clonality           | Polyclonal  |
| Isotype             | IgG   |
| Target Name         | Perilipin 3   |
| Species             | Mouse   |
| Immunogen           | C-NQKTPQDAEKDPAK  |
| Conjugation         | Un-conjugated   |
| Alternate Names     | PP17; Placental protein 17; 47 kDa mannose 6-phosphate receptor-binding protein; M6PRBP1; Perilipin-3; Cargo selection protein TIP47; 47 kDa MPR-binding protein; Mannose-6-phosphate receptor-binding protein 1; TIP47 |

### Application Instructions

| Application table | Application  | Dilution    |
|-------------------|--|-------------|
|                   | WB   | 1 - 3 µg/ml |
| Application Note  | WB: Recommend incubate at RT for 1h.<br>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |             |

### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified from goat serum by antigen affinity chromatography.   |
| Buffer              | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.   |
| Preservative        | 0.02% Sodium azide   |
| Stabilizer          | 0.5% BSA   |
| Concentration       | 0.5 mg/ml  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Bioinformation

|                |  |
|----------------|--|
| Gene Symbol    | Plin3  |
| Gene Full Name | perilipin 3  |
| Background     | Mannose 6-phosphate receptors (MPRs) deliver lysosomal hydrolase from the Golgi to endosomes and then return to the Golgi complex. The protein encoded by this gene interacts with the cytoplasmic domains of both cation-independent and cation-dependent MPRs, and is required for endosome-to-Golgi transport. This protein also binds directly to the GTPase RAB9 (RAB9A), a member of the RAS oncogene family. The interaction with RAB9 has been shown to increase the affinity of this protein for its cargo. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2009] |
| Function       | Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network. [UniProt]   |
| Research Area  | Signaling Transduction antibody  |
| Calculated Mw  | 47 kDa   |

Images



ARG64191 anti-Perilipin 3 antibody WB image

Western blot: Rat Skin lysate (35 µg protein in RIPA buffer) stained with ARG64191 anti-Perilipin 3 antibody at 0.1 µg/ml dilution.