

Goat Anti-Perilipin 4 Antibody (internal region)
Purified Goat Polyclonal Antibody
Catalog # AF4161a**Specification**

Goat Anti-Perilipin 4 Antibody (internal region) - Product Information

Application	E
Primary Accession	O88492
Other Accession	57435(mouse) , 363331(rat) , NP_065593.2
Predicted	Mouse, Rat, Pig, Cow, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	139415

Goat Anti-Perilipin 4 Antibody (internal region) - Additional Information**Gene ID** 57435**Other Names**

Perilipin4; Perilipin-4; Plin4; S3-12; mKIAA1881

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

Peptide with sequence C-QRAFEHALSHIQHN, from the internal region of the protein sequence according to NP_065593.2.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-Perilipin 4 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Perilipin 4 Antibody (internal region) - Protein Information**Name** Plin4**Synonyms** Kiaa1881**Function**

May play a role in triacylglycerol packaging into adipocytes. May function as a coat protein involved in the biogenesis of lipid droplets.

Cellular Location

Cell membrane. Cytoplasm Lipid droplet. Note=Nascent lipid droplet surface- associated; association with lipid droplets is triacylglycerol synthesis-dependent.

Tissue Location

Specifically expressed in white adipose tissue and also weakly detected in heart and skeletal muscle (at protein level)

Goat Anti-Perilipin 4 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-Perilipin 4 Antibody (internal region) - Images**Goat Anti-Perilipin 4 Antibody (internal region) - References**

Adipocyte protein S3-12 coats nascent lipid droplets. Wolins NE, Skinner JR, Schoenfish MJ, Tzekov A, Bensch KG, Bickel PE. J Biol Chem. 2003 Sep26;278(39):37713-21.