

S3-12 / KIAA1881 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2569a**Specification**

S3-12 / KIAA1881 Antibody (internal region) - Product Information

Application	IHC
Primary Accession	O96Q06
Other Accession	NP_001073869.1 , 729359
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	135892

S3-12 / KIAA1881 Antibody (internal region) - Additional Information**Other Names**

Perilipin-4, Adipocyte protein S3-12, PLIN4, KIAA1881

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

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

S3-12 / KIAA1881 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

S3-12 / KIAA1881 Antibody (internal region) - Protein Information

Name PLIN4 ([HGNC:29393](#))

Function

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

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:O88492}. Cytoplasm

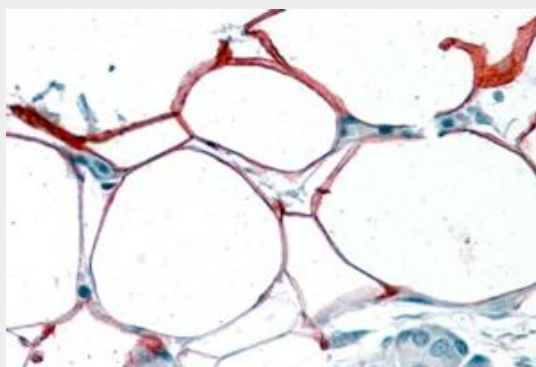
{ECO:0000250|UniProtKB:O88492}. Lipid droplet {ECO:0000250|UniProtKB:O88492}.

Note=Nascent lipid droplet surface- associated; association with lipid droplets is triacylglycerol synthesis-dependent. {ECO:0000250|UniProtKB:O88492}

S3-12 / KIAA1881 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](#)

S3-12 / KIAA1881 Antibody (internal region) - Images

AF2569a (3.8 µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

S3-12 / KIAA1881 Antibody (internal region) - References

A proposed model of fat packaging by exchangeable lipid droplet proteins. Wolins NE, Brasaemle DL, Bickel PE. FEBS Lett. 2006 Oct 9;580(23):5484-91. Epub 2006 Sep 1. Review. PMID: 16962104