

Lipin 2 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2434a**Specification**

Lipin 2 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O92539
Other Accession	NP_055461.1 , 9663
Predicted	Human, Mouse, Rat, Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	99399

Lipin 2 Antibody (C-Term) - Additional Information**Gene ID** 9663**Other Names**

Phosphatidate phosphatase LPIN2, 3.1.3.4, Lipin-2, LPIN2, KIAA0249

Dilution

E~~N/A

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

Lipin 2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Lipin 2 Antibody (C-Term) - Protein Information**Name** LPIN2 ([HGNC:14450](#))**Synonyms** KIAA0249**Function**

Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis in the endoplasmic reticulum membrane. Plays important

roles in controlling the metabolism of fatty acids at different levels. Also acts as a nuclear transcriptional coactivator for PPARGC1A to modulate lipid metabolism.

Cellular Location

Nucleus. Cytoplasm, cytosol. Endoplasmic reticulum membrane Note=Translocates to endoplasmic reticulum membrane with increasing levels of oleate.

Tissue Location

Expressed in liver, lung, kidney, placenta, spleen, thymus, lymph node, prostate, testes, small intestine, and colon

Lipin 2 Antibody (C-Term) - 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](#)

Lipin 2 Antibody (C-Term) - Images**Lipin 2 Antibody (C-Term) - References**

Lipin expression preceding peroxisome proliferator-activated receptor-gamma is critical for adipogenesis in vivo and in vitro. Phan J, Peterfy M, Reue K. J Biol Chem. 2004 Jul 9;279(28):29558-64. Epub 2004 Apr 29. PMID: 15123608