

LPIN2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14692**Specification**

LPIN2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O92539
Other Accession	NM_014646 , NP_055461
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	99kDa KDa

LPIN2 antibody - C-terminal region - Additional Information**Gene ID** 9663

Alias Symbol	KIAA0249
--------------	----------

Other Names
Phosphatidate phosphatase LPIN2, 3.1.3.4, Lipin-2, LPIN2, KIAA0249**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LPIN2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LPIN2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LPIN2 antibody - C-terminal region - 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.

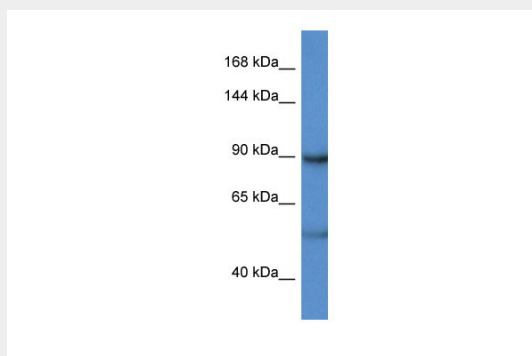
Tissue Location

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

LPIN2 antibody - C-terminal 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](#)

LPIN2 antibody - C-terminal region - Images

WB Suggested Anti-LPIN2 Antibody Titration: 1.0 µg/ml
Positive Control: Hela Whole Cell

LPIN2 antibody - C-terminal region - References

Nagase T., et al. DNA Res. 3:321-329(1996).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Olsen J.V., et al. Cell 127:635-648(2006).
Donkor J., et al. J. Biol. Chem. 282:3450-3457(2007).
Zahedi R.P., et al. J. Proteome Res. 7:526-534(2008).