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LPIN2 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14692

Product Information

Application	WB
Primary Accession	Q92539
Other Accession	NM_014646, NP_055461
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	99399

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.

Protein Information

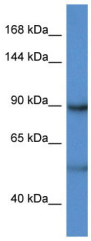
Name	LPIN2 (HGNC:14450)
Synonyms	KIAA0249
Function	Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis in the endoplasmic reticulum membrane. 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

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.