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LPIN3 / Lipin-3 Antibody (Internal)

Goat Polyclonal Antibody
Catalog # ALS12291

Specification

LPIN3 / Lipin-3 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q9BQK8
Reactivity	**Human, Monkey**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**94kDa KDa**

LPIN3 / Lipin-3 Antibody (Internal) - Additional Information

Gene ID 64900

Other Names
Phosphatidate phosphatase LPIN3, 3.1.3.4, Lipin-3, Lipin-3-like, LPIN3, LIPN3L

Target/Specificity
Human LPIN3 / Lipin 3.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
LPIN3 / Lipin-3 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

LPIN3 / Lipin-3 Antibody (Internal) - Protein Information

Name LPIN3 (HGNC:14451)

Synonyms LIPN3L

Function
Magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis therefore regulates fatty acid metabolism.

Cellular Location
Nucleus.

Tissue Location
Significant expression in intestine and other regions of the gastrointestinal tract.

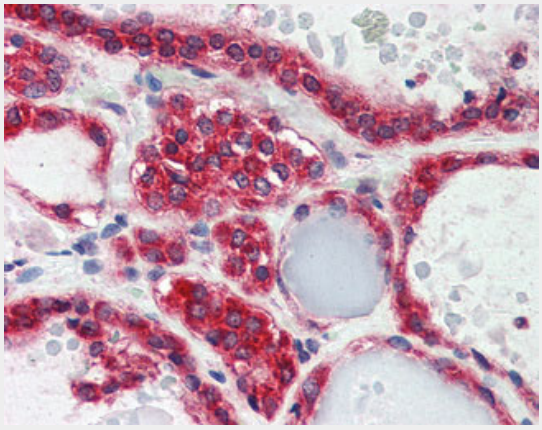
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LPIN3 / Lipin-3 Antibody (Internal) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LPIN3 / Lipin-3 Antibody (Internal) - Images



Anti-LPIN3 / Lipin 3 antibody IHC of human thyroid.

LPIN3 / Lipin-3 Antibody (Internal) - Background

Regulates fatty acid metabolism. Magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis (By similarity).

LPIN3 / Lipin-3 Antibody (Internal) - References

Deloukas P.,et al.Nature 414:865-871(2001).
Donkor J.,et al.J. Biol. Chem. 282:3450-3457(2007).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).