

Product datasheet for TA357628

OriGene Technologies, Inc.

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LRAT Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human LRAT

Specificity: Expected reactivity: Human, Pig

Homology: Human: 100%; Pig: 79%

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

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 25 kDa

Gene Name: lecithin retinol acyltransferase (phosphatidylcholine--retinol O-acyltransferase)

Database Link: <u>NP 001288574.1</u>

Entrez Gene 9227 Human

095237

Background: The protein encoded by this gene localizes to the endoplasmic reticulum, where it catalyzes

the esterification of all-trans-retinol into all-trans-retinyl ester. This reaction is an important

step in vitamin A metabolism in the visual system. Mutations in this gene have been associated with early-onset severe retinal dystrophy and Leber congenital amaurosis 14.

Alternative splicing results in multiple transcript variants.

Synonyms: MGC33103

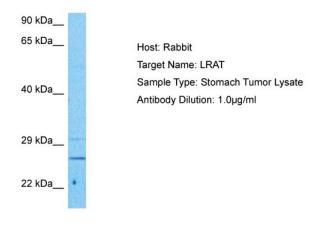
Protein Families: Druggable Genome, Transmembrane





Protein Pathways: Retinol metabolism

Product images:



Host: Rabbit Target Name: LRAT

Sample Tissue: Human Stomach Tumor lysates

Antibody Dilution: 1ug/ml