

LRAT Polyklonaler Antikörper

Katalog-Nr.: 51122-1-AP

Allgemeine Informationen

Katalog-Nr.:

51122-1-AP

Größe:

150ul

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

BC031053

GeneID (NCBI):

9227

Vollständiger Name:

lecithin retinol acyltransferase
(phosphatidylcholine--retinol O-acyltransferase)

Berechnete Masse:

230 aa, 26 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Anwendungen

Geprüfte Anwendungen:

ELISA

Getestete Reaktivität:

Human

Hintergrundinformationen

LRAT belongs to the H-rev107 family. LRAT transfers the acyl group from the sn-1 position of phosphatidylcholine to all-trans retinol, producing all-trans retinyl esters. LRAT plays a critical role in vision. It provides the all-trans retinyl ester substrates for the isomerohydrolase which processes the esters into 11-cis-retinol in the retinal pigment epithelium; due to a membrane-associated alcohol dehydrogenase, LRAT monomers (26kd) interact in membranes and form functional homodimers (50-54kd) through protein-protein interactions and disulfide bond formation. Defects in LRAT are a cause of severe early-onset retinal dystrophy (RD).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

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