

Datasheet for ABIN7157963
anti-LRAT antibody (AA 24-182) (Biotin)



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Overview

Quantity:	100 µL
Target:	LRAT
Binding Specificity:	AA 24-182
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRAT antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Lecithin retinol acyltransferase protein (24-182AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LRAT
Alternative Name:	LRAT (LRAT Products)
Background:	Background: Transfers the acyl group from the sn-1 position of phosphatidylcholine to all-trans retinol, producing all-trans retinyl esters. Retinyl esters are storage forms of vitamin A. LRAT

Target Details

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, 11 cis-retinol is oxidized and converted into 11-cis-retinaldehyde which is the chromophore for rhodopsin and the cone photopigments.

Aliases: LCA14 antibody, Lecithin retinol acyltransferase (phosphatidylcholine retinol O acyltransferase) antibody, Lecithin retinol acyltransferase antibody, LRAT antibody, LRAT_HUMAN antibody, Phosphatidylcholine retinol O acyltransferase antibody, Phosphatidylcholine--retinol O-acyltransferase antibody

UniProt: [O95237](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.