

LRAT antibody

Product Information

Catalog No.:	FNab04838
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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.

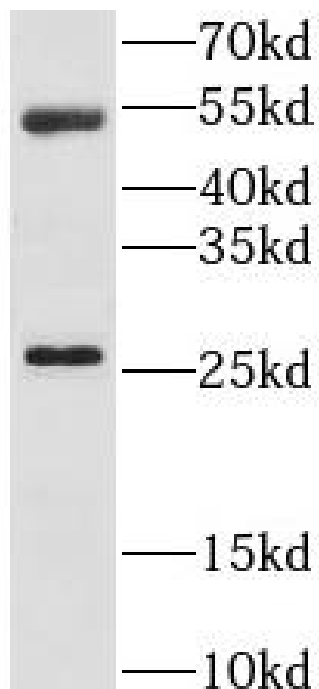
Immunogen information

Immunogen:	lecithin retinol acyltransferase(phosphatidylcholine--retinol O-acyltransferase)
Synonyms:	Lecithin retinol acyltransferase Phosphatidylcholine--retinol O-acyltransferase LRAT
Observed MW:	26 kDa, 50-54 kDa
Uniprot ID :	O95237

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



mouse testis tissue were subjected to SDS PAGE followed by western blot with FNab04838(LRAT Antibody) at dilution of 1:2000