

LRAT Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant LRAT. Catalog # AT2737a

Product Information

Application E

Primary Accession
Other Accession
Reactivity
Human
Host
Clonality
Isotype

O95237

BC031053

Human
mouse
monoclonal
IgG2a Kappa

Clone Names 1A11 Calculated MW 25703

Additional Information

Gene ID 9227

Other Names Lecithin retinol acyltransferase, Phosphatidylcholine--retinol

O-acyltransferase, LRAT

Target/Specificity LRAT (AAH31053.1, 1 a.a. ~ 230 a.a) full-length recombinant protein with GST

tag. MW of the GST tag alone is 26 KDa.

Dilution E~~N/A

Format Clear, colorless solution in phosphate buffered saline, pH 7.2.

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions LRAT Antibody (monoclonal) (M01) is for research use only and not for use in

diagnostic or therapeutic procedures.

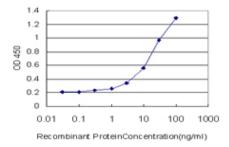
Background

The protein encoded by this gene is a microsomal enzyme that catalyzes the esterification of all-trans-retinol into all-trans-retinyl ester, an essential reaction for the retinoid cycle in visual system and vitamin A status in liver. Mutations in this gene have been associated with early-onset severe retinal dystrophy.

References

1.FATP1 inhibits 11-cis retinol formation via interaction with the visual cycle retinoid isomerase RPE65 and LRAT.Guignard TJ, Jin M, Pequignot MO, Li S, Chassigneux Y, Chekroud K, Guillou L, Richard E, Hamel CP, Brabet P.J Biol Chem. 2010 Mar 31. [Epub ahead of print]

Images



Detection limit for recombinant GST tagged LRAT is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.