

LRAT Polyclonal Antibody

Catalog No. E-AB-61271

Note: Centrifuge before opening to ensure complete recovery of vial contents.

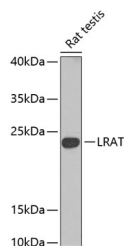
Description

Reactivity	Human,Rat
Immunogen	Recombinant fusion protein of human LRAT (NP_004735.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

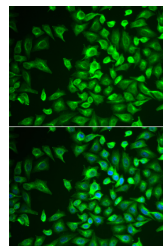
WB	1:500-1:2000
IF	1:50-1:100

Data



Western blot analysis of extracts of Rat testis using LRat Polyclonal Antibody at dilution of 1:1000.

Observed Mw:24kDa
Calculated Mw:25kDa



Immunofluorescence analysis of U2OS cells using LRat Polyclonal Antibody

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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