

LRAT

Reactivity:Human Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW:25kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human LRAT

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

LCA14;

Catalog #:A6647

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:9227

Isotype:IgG

Swiss Prot:O95237

Purity:Affinity purification

For research use only.

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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