

LRAT antibody

Catalog No: #39069

Package Size: #39069-1 50ul #39069-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

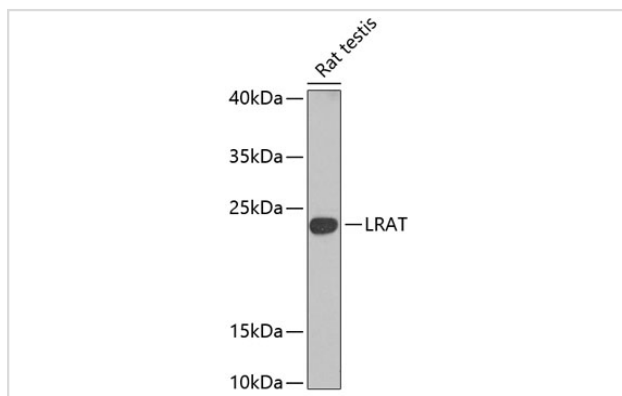
Description

Product Name	LRAT antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous level of total LRAT protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human LRAT.
Target Name	LRAT
Other Names	LCA14;
Accession No.	Swiss-Prot#: O95237NCBI Gene ID: 9227
Uniprot	O95237
GeneID	9227;
SDS-PAGE MW	25kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

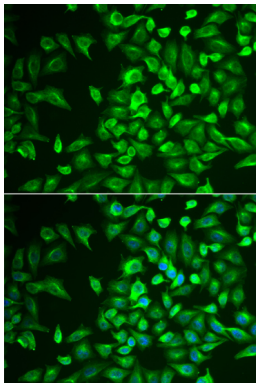
Application Details

WB □ 1:500 - 1:2000IF □ 1:50 - 1:100

Images



Western blot analysis of extracts of rat testis, using Lrat at 1:1000 dilution.



Immunofluorescence analysis of U2OS cells using LRAT .
Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only