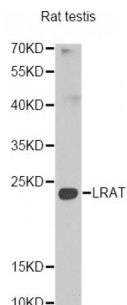


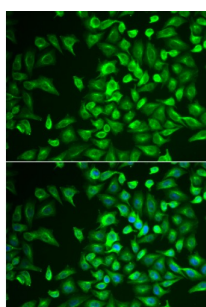
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Lecithin Retinol Acyltransferase (LRAT) Antibody

Catalogue No.: abx005095



Western blot analysis of extracts of rat testis, using Lrat antibody (abx005095) at 1/1000 dilution.



Immunofluorescence analysis of U2OS cells using LRAT antibody (abx005095). Blue: DAPI for nuclear staining.

LRAT Antibody is a Rabbit Polyclonal antibody against LRAT. 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.

Target: LRAT

Reactivity: Human, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human LRAT.

Purification: Affinity purified.

Form: Liquid

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Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 25 kDa Observed MW: 24 kDa
Swiss Prot:	O95237
GeneID:	9227
Gene Symbol:	LRAT
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.