

# Product Datasheet

## LRAT Antibody - BSA Free NBP3-04496-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 11/7/2023 v.20.1

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**NBP3-04496-100ul**

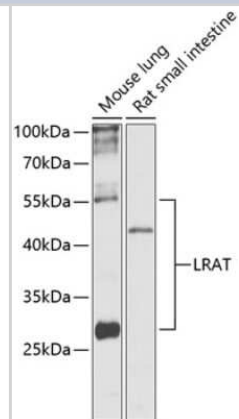
LRAT Antibody - BSA Free

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS with 50% glycerol, pH7.3.
<b>Target Molecular Weight</b>	25 kDa
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	9227
<b>Gene Symbol</b>	LRAT
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-194 of human LRAT (NP_004735.2). MKNPMLLEVVSLLLEKLLLIISNFTLFSSGAAGEDKGRNSFYETSSFHRRGDVLEVP RTHLTHYGIYLGDNRVAHMMPDILLALTDDMGRTQKVVS NKRLILGVIVKVASIR VDTVEDFAYGANILVNHLDESLQKKALLNEEVARRAEKLLGFTPY SLLWNNCEH FVTYCRYGTPISPQSDKFCETVKIIIRDQRS
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Immunocytochemistry/ Immunofluorescence 1:50-1:200

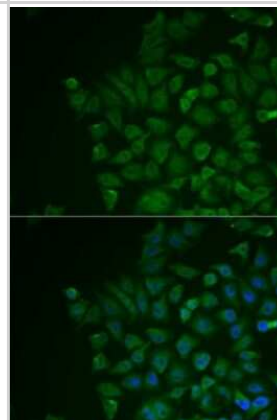


## Images

Western Blot: LRAT Antibody [NBP3-04496] - Analysis of extracts of various cell lines, using LRAT antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit



Immunocytochemistry/Immunofluorescence: LRAT Antibody [NBP3-04496] - Analysis of MCF7 cells using LRAT antibody . Blue: DAPI for nuclear staining.



## Publications

IO Shmarakov, GA Gusarova, MN Islam, M Marhuenda-, J Bhattachar, WS Blaner Retinoids stored locally in the lung are required to attenuate the severity of acute lung injury in male mice Nature Communications, 2023-02-15;14 (1):851. 2023-02-15 [PMID: 36792627]



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### **Products Related to NBP3-04496-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00009227-Q01-10ug	Recombinant Human LRAT GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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