

Product datasheet for **TA370781**

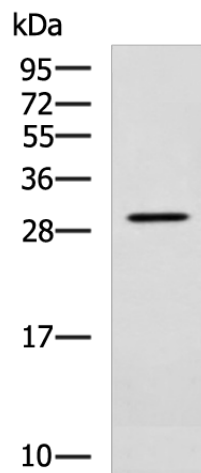
LRAT Rabbit Polyclonal Antibody

Product data:

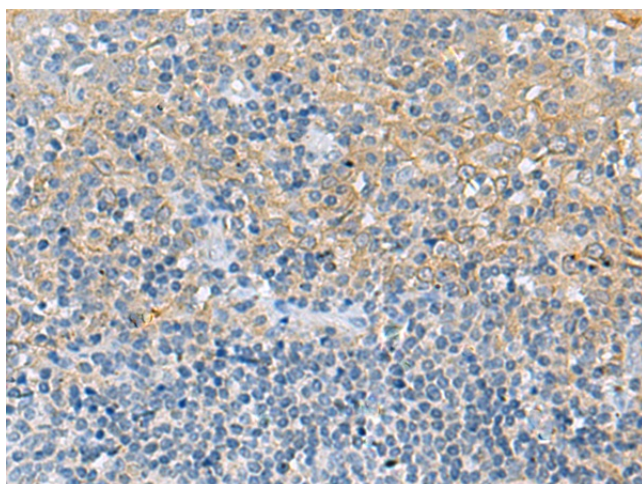
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: SP20 cell lysate IHC: 50-200 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human LRAT
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	26 kDa
Gene Name:	lecithin retinol acyltransferase (phosphatidylcholine--retinol O-acyltransferase)
Database Link:	Entrez Gene 9227 Human O95237
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.
Synonyms:	MGC33103



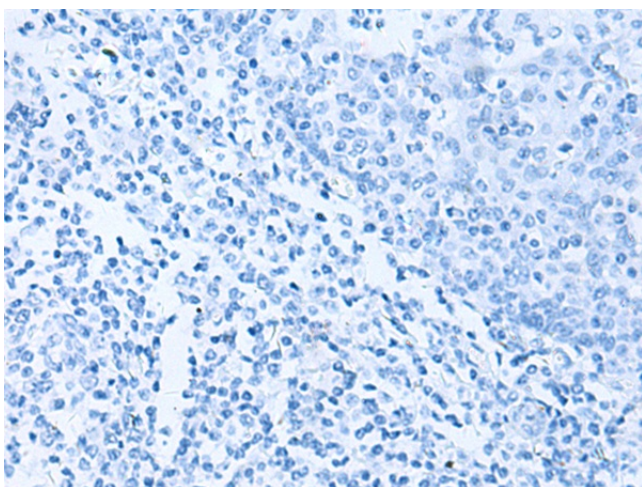
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Product images:

Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: SP20 cell lysate
Primary antibody: TA370781 (LRAT Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370781 (LRAT Antibody) at dilution 1/55 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370781 (LRAT Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: x200)