SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C21ORF13 antibody

Catalog Number: SL15123R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C21ORF13
Immunogen:	KLH conjugated synthetic peptide derived from human C21ORF13: 301-400/670
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Horse)
Predicted MW.:	77kDa
Subcellular Location:	The nucleus
Background:	Leber congenital amaurosis (LCA) is one of the most common causes of hereditary blindness or severe visual impairment in infants. Mutations in several genes with diverse functions mapping to two loci have been implicated in LCA causation. These proteins are involved in processes such as photoreceptor development and maintenance, phototransduction, vitamin A metabolism and protein trafficking. LCA5, also known as Lebercilin, is a ciliary protein that is widely expressed during development and localizes to the connecting cilia of photoreceptors and to the microtubules, centrioles and primary cilia of cultured mammalian cells. The Leber congenital amaurosis 5-like protein (LCA5L) is a 670 amino acid protein that belongs to the LCA5 family. **Similarity:** Belongs to the LCA5 family.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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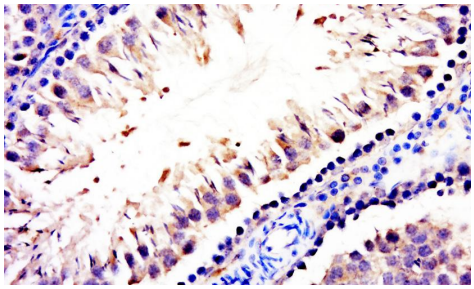
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	Database links: **Entrez Gene:** 150082 Human **Entrez Gene:** 385668 Mouse **SwissProt:** O95447 Human **SwissProt:** Q8C0X0 Mouse **Unigene:** 517284 Human **Unigene:** 24626 Mouse

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C21ORF13) Polyclonal Antibody, Unconjugated (SL15123R) at 1:5000 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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