SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C1QL3 antibody

Catalog Number: SL15083R

FOR RESEARCH USE ONLY

[DATASHEET]

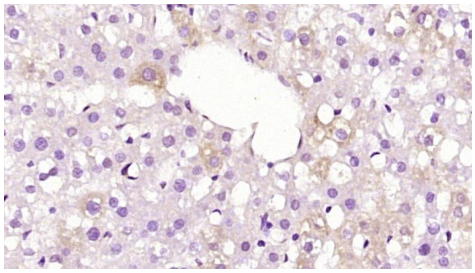
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C1QL3
Immunogen:	KLH conjugated synthetic peptide derived from human C1QL3: 131-225/225
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. 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,Chicken,Dog,Pig,Cow,Horse,Sheep)
Predicted MW.:	25kDa
Subcellular Location:	Secretory protein
Background:	C1QL3 (Complement C1q Like 3) is a Protein Coding gene. An important paralog of this gene is C1QL1. **Function:** May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses (By similarity). Plays a role in glucose homeostasis. Via AMPK signaling pathway, stimulates glucose uptake in adipocytes, myotubes and hepatocytes and enhances insulin-stimulated glucose uptake. In a hepatoma cell line, reduces the expression of gluconeogenic enzymes G6PC and PCK1 and hence decreases de novo glucose production (By similarity). **Subunit:** Interacts with BAI3 (By similarity). **Subcellular Location:** Secreted (Potential). **Similarity:** Contains 1 C1q domain. Contains 1 collagen-like domain.

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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	Database links: **Entrez Gene:** 389941 Human **Entrez Gene:** 227580 Mouse **SwissProt:** Q5VWW1 Human **SwissProt:** Q9ESN4 Mouse **Unigene:** 676792 Human **Unigene:** 727706 Human **Unigene:** 229322 Mouse **Unigene:** 477072 Mouse

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (rat liver); 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 (C1QL3) Polyclonal Antibody, Unconjugated (SL15083R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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