SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Marker Primary Antibody]

Rabbit Anti-C20orf117/FITC Conjugated antibody

Catalog Number: SL15091R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-C20orf117/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human C20orf117
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Pig)
Background:	background: Representing about 2% of human DNA, chromosome 20 consists of approximately 63 million bases and 600 genes. Chromosome 20 contains a region with numerous genes expressed in the epididymis, which are thought important for seminal production, and some viewed as potential targets for male contraception. The PRNP gene encoding the prion protein associated with spongiform encephalopathies, like Creutzfeldt-Jakob disease, is found on chromosome 20. Amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome are also associated with chromosome 20. The C20orf117 gene product has been provisionally designated C20orf117 pending further characterization. **Function:** Regulates autophagy by playing a role in the reduction of glucose production in an adiponectin- and insulin-dependent manner (By similarity). **Subunit:** The C-terminal 25 kDa form occurs as a monomer (By similarity). **Subcellular Location:** C-terminal 80 kDa form: Secreted (By similarity). Note=Secreted in primary hepatocyte-conditioned media (By similarity).

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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	Post-translational modifications: Proteolytically cleaved in primary hepatocytes into a C-terminal 80 kDa form (By similarity). Proteolytically cleaved into a C-terminal SOGA 25 kDa form that is detected in plasma. **Similarity:** Belongs to the SOGA family. **Database links:** UniProtKB/Swiss-Prot: O94964.2 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.