SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-C2orf16/FITC Conjugated antibody

Catalog Number: SL15147R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-C2orf16/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human C2orf16
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 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:	Human
Background:	background: C2orf16 (chromosome 2 open reading frame 16), also known as DKFZp434G118 or DKFZp781D2023, is a 1,984 amino acid protein encoded by a gene that maps to human chromosome 2p23.3. As the second largest human chromosome, chromosome 2 makes up approximately 8% of the human genome and contains 237 million bases encoding over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin icthyosis, a rare skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alström syndrome, is related to mutations in the ALMS1 gene. Chromosome 2 contains a probable vestigial second centromere as well as vestigial telomeres, which gives credence to the hypothesis that human chromosome 2 formed as a result of an ancient fusion of two ancestral chromosomes, which are still present in modern day apes. **Database links:** UniProtKB/Swiss-Prot: Q68DN1.3

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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