SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-ACSBG2/FITC Conjugated antibody

Catalog Number: SL8008R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-ACSBG2/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human ACSBG2
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:	Flow-Cyt=1μg/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human)
Background:	background: ACSBG2 belongs to the ATP-dependent AMP-binding enzyme family, bubblegum subfamily. ACSBG2 mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. It is able to activate long-chain fatty acids. It is also able to activate very long-chain fatty acids, although the relevance of such activity is unclear in vivo. ACSBG2 has increased ability to activate oleic and linoleic acid. It may play a role in spermatogenesis. **Function:** Mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Able to activate long-chain fatty acids. Also able to activate very long-chain fatty acids; however, the relevance of such activity is unclear in vivo. Has increased ability to activate oleic and linoleic acid. May play a role in spermatogenesis. **Subunit:** Belongs to the ATP-dependent AMP-binding enzyme family. Bubblegum subfamily. **Subcellular Location:** Cytoplasm. Membrane; Peripheral membrane protein.

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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	Tissue Specificity: Testis-specific. DISEASE: Weakly or not expressed in fetal testis. Highly expressed in adult testis and moderately in elderly testis. **Database links:** **Entrez Gene:** 81616 Human **SwissProt:** Q5FVE4 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.