SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-HIATL1/FITC Conjugated antibody

Catalog Number: SL16504R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-HIATL1/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human HIATL1
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,Dog,Pig,Horse,Rabbit)
Background:	background: HIAT1 is a multi-pass membrane protein that may function as a sugar transporter and is expressed in adult and embryonic brain. The HIAT1 gene was first observed while analyzing for active genes in neonatal mouse hipposcampus. HIATL1 (Hippocampus abundant transcript-like protein 1) is a 506 amino acid multi-pass membrane protein that also belongs to the Major facilitator superfamily. The gene encoding HIATL1 maps to human chromosome 9, which consists of about 145 million bases and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias.

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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	Subcellular Location: Membrane. **Similarity:** Belongs to the major facilitator superfamily. **Database links:** **Entrez Gene:** 84641 Human **SwissProt:** Q5SR56 Human **Unigene:** 555996 Human 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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