SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-NAALADL1/FITC Conjugated antibody

Catalog Number: SL18992R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-NAALADL1/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human NAALADL1
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:	ICC/IF=1:50-200 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep)
Background:	background: NAALADL1 is a 740 amino acid single-pass type II membrane protein that localizes to the apical cell membrane. Belonging to the peptidase M28 family and the M28B subfamily, NAALADL1 is mainly expressed in the distal small intestine but is also expressed in spleen and tesits. NAALADL1 is considered a novel ileal brush border membrane protein,NAALADL1 is thought to have dipeptidyl-peptidase IV type activity. NAALADL1 exists as eight alternatively spliced isoforms and is encoded by a gene located on human chromosome 11q13.1. **Function:** NAALADase-like activity unknown. Has no NAAG hydrolyzing activity. Exhibits a dipeptidyl-peptidase IV type activity. In vitro, cleaves Gly-Pro-AMC. **Subcellular Location:** Apical cell membrane; Single-pass type II membrane protein. **Note:** Ileal brush border membrane.

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: Mainly expressed in the distal small intestine. Also expressed in the spleen and testis. Weak expression in the brain, locating mainly to the brain stem, amygdala, thalamus and ventral striatum. Isoform 2 and 3 isoform 3 are found in the small intestine and colon. **Similarity:** Belongs to the peptidase M28 family. M28B subfamily. **Database links:** **Entrez Gene:** 10004 Human Omim: 602640 Human **SwissProt:** Q9UQQ1 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.