

NAALADL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18189b**Specification**

NAALADL1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O9UQQ1](#)**NAALADL1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 10004**Other Names**

N-acetylated-alpha-linked acidic dipeptidase-like protein, NAALADase L, 100 kDa ileum brush border membrane protein, I100, Ileal dipeptidylpeptidase, NAALADL1, NAALADASEL, NAALADL

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NAALADL1 Antibody (C-term) Blocking Peptide - Protein Information**Name** NAALADL1**Synonyms** NAALADASEL, NAALADL {ECO:0000303|PubMed:**Function**

Aminopeptidase with broad substrate specificity. Has lower activity with substrates that have Asp or Glu in the P2' position, or Pro in the P3' position. Lacks activity with substrates that have both Pro in the P3' position and Asp or Glu in the P2' position (PubMed:25752612). Lacks carboxypeptidase activity. Lacks dipeptidyl- peptidase IV type activity (PubMed:25752612).

Cellular Location

Apical cell membrane {ECO:0000250|UniProtKB:O54697}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:O54697}. Note=Ileal brush border membrane {ECO:0000250|UniProtKB:O54697}

Tissue Location

Detected in small intestine (at protein level) (PubMed:25752612). Detected in ileum (PubMed:9388249). Detected in small intestine, spleen and testis. Isoform 2 and isoform 3 are

found in the small intestine and colon (PubMed:10085079)

NAALADL1 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

NAALADL1 Antibody (C-term) Blocking Peptide - Images

NAALADL1 Antibody (C-term) Blocking Peptide - Background

NAALADase-like activity unknown. It has no NAAG hydrolyzing activity. Exhibits a dipeptidyl-peptidase IV type activity. In vitro, cleaves Gly-Pro-AMC (By similarity).

NAALADL1 Antibody (C-term) Blocking Peptide - References

Pangalos, M.N., et al. J. Biol. Chem. 274(13):8470-8483(1999)Shneider, B.L., et al. J. Biol. Chem. 272(49):31006-31015(1997)