

NAALADL1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18189b**Specification**

NAALADL1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9UQQ1
Other Accession	NP_005459.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	80558
Antigen Region	511-539

NAALADL1 Antibody (C-term) - 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

Target/Specificity

This NAALADL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 511-539 amino acids from the C-terminal region of human NAALADL1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NAALADL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NAALADL1 Antibody (C-term) - 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

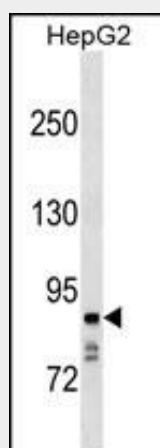
Detected in small intestine (at protein level) (PubMed:25752612). Detected in ileum (PubMed:9388249). Detected in small intestine, spleen and testis. Isoform 2 and isoform 3 are found in the small intestine and colon (PubMed:10085079)

NAALADL1 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NAALADL1 Antibody (C-term) - Images



NAALADL1 Antibody (C-term) (Cat. #AP18189b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the NAALADL1 antibody detected the NAALADL1 protein (arrow).

NAALADL1 Antibody (C-term) - 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) - 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)