

NAAA Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18542b**Specification**

NAAA Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q02083](#)**NAAA Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 27163**Other Names**

N-acylethanolamine-hydrolyzing acid amidase, 351-, Acid ceramidase-like protein, N-acylsphingosine amidohydrolase-like, ASAH-like protein, N-acylethanolamine-hydrolyzing acid amidase subunit alpha, N-acylethanolamine-hydrolyzing acid amidase subunit beta, NAAA, AS AHL, PLT

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.

NAAA Antibody (C-term) Blocking Peptide - Protein Information**Name** NAAA {ECO:0000303|PubMed:30301806, ECO:0000312|HGNC:HGNC:736}**Function**

Degrades bioactive fatty acid amides to their corresponding acids, with the following preference: N-palmitoylethanolamine > N-myristoylethanolamine > N-lauroylethanolamine = N-stearoylethanolamine > N-arachidonylethanolamine > N-oleoylethanolamine (PubMed:15655246, PubMed:17980170, PubMed:18793752, PubMed:30301806, PubMed:22825852). Also exhibits weak hydrolytic activity against the ceramides N-lauroylsphingosine and N-palmitoylsphingosine (PubMed:15655246).

Cellular Location

Lysosome. Membrane; Peripheral membrane protein

Tissue Location

Expressed in numerous tissues, with highest levels in liver and kidney, followed by pancreas

NAAA Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NAAA Antibody (C-term) Blocking Peptide - Images

NAAA Antibody (C-term) Blocking Peptide - Background

This gene encodes an N-acyl ethanolamine-hydrolyzing enzyme which is highly similar to acid ceramidase. Multiple transcript variants encoding different isoforms have been found for this gene.

NAAA Antibody (C-term) Blocking Peptide - References

Wang, J., et al. J. Biochem. 144(5):685-690(2008) Muller, T.D., et al. Child Adolesc Psychiatry Ment Health 2 (1), 33 (2008) :Schulze, H., et al. Biol. Chem. 388(12):1333-1343(2007) Zhao, L.Y., et al. Biochim. Biophys. Acta 1771(11):1397-1405(2007) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)