

**FUCA2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7646a****Specification**

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**FUCA2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9BTY2](#)**FUCA2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2519**Other Names**

Plasma alpha-L-fucosidase, Alpha-L-fucoside fucohydrolase 2, Alpha-L-fucosidase 2, FUCA2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7646a](/product/products/AP7646a) was selected from the N-term region of human FUCA2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**FUCA2 Antibody (N-term) Blocking Peptide - Protein Information****Name** FUCA2**Function**

Alpha-L-fucosidase is responsible for hydrolyzing the alpha- 1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins.

**Cellular Location**

Secreted.

**FUCA2 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **FUCA2 Antibody (N-term) Blocking Peptide - Images**

#### **FUCA2 Antibody (N-term) Blocking Peptide - Background**

Alpha-L-fucosidase catalyzes the hydrolysis of terminal alpha-L-fucosidase linkages in glycosphingolipids and glycoproteins. At least 2 separate polymorphic alpha-L-fucosidases are recognized in man. The FUCA2 locus regulates the level of alpha-fucosidase in plasma and fibroblasts but not in leukocytes. In fucosidosis, deficiency of alpha-L-fucosidase is found in both plasma and leukocytes.

#### **FUCA2 Antibody (N-term) Blocking Peptide - References**

Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Eiberg, H., et al., Clin. Genet. 26(1):23-29 (1984).