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FUCA1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6791c

Specification

FUCA1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P04066

FUCA1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 2517

Other Names
Tissue alpha-L-fucosidase, Alpha-L-fucosidase I, Alpha-L-fucoside fucohydrolase 1, Alpha-L-fucosidase 1, FUCA1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6791c was selected from the Center region of human FUCA1. 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.

FUCA1 Antibody (Center) Blocking Peptide - Protein Information

Name FUCA1 (HGNC:4006)

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
Lysosome.

FUCA1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

FUCA1 Antibody (Center) Blocking Peptide - Images

FUCA1 Antibody (Center) Blocking Peptide - Background

FUCA1 is a lysosomal enzyme involved in the degradation of fucose-containing glycoproteins and glycolipids. Mutations in this gene are associated with fucosidosis (FUCA1D), which is an autosomal recessive lysosomal storage disease. A pseudogene of this locus is present on chr 2.

FUCA1 Antibody (Center) Blocking Peptide - References

Palmieri,R.T., et.al., Cancer Epidemiol. Biomarkers Prev. 17 (12), 3567-3572 (2008)