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GNS Antibody (Center S298) Blocking Peptide
Synthetic peptide
Catalog # BP6574b

Specification

GNS Antibody (Center S298) Blocking Peptide - Product Information

Primary Accession P15586

GNS Antibody (Center S298) Blocking Peptide - Additional Information

Gene ID 2799

Other Names
N-acetylglucosamine-6-sulfatase, Glucosamine-6-sulfatase, G6S, GNS

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6574b was selected from the Center region of human GNS. 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.

GNS Antibody (Center S298) Blocking Peptide - Protein Information

Name GNS

Cellular Location
Lysosome.

GNS Antibody (Center S298) Blocking Peptide - Protocols

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

- Blocking Peptides

GNS Antibody (Center S298) Blocking Peptide - Images

GNS Antibody (Center S298) Blocking Peptide - Background

GNS is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin, heparan sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder mucopolysaccharidosis type IIID (Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four subtypes of Sanfilippo syndrome.

GNS Antibody (Center S298) Blocking Peptide - References

Zhang,H., Li,X.J., Nat. Biotechnol. 21 (6), 660-666 (2003)