

GUSB Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9348c

Specification

GUSB Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P08236](#)

GUSB Antibody (Center) Blocking Peptide - Additional Information

Gene ID 2990

Other Names

Beta-glucuronidase, Beta-G1, GUSB

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.

GUSB Antibody (Center) Blocking Peptide - Protein Information

Name GUSB

Function

Plays an important role in the degradation of dermatan and keratan sulfates.

Cellular Location

Lysosome.

GUSB Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GUSB Antibody (Center) Blocking Peptide - Images

GUSB Antibody (Center) Blocking Peptide - Background

The GUSB gene encodes beta-glucuronidase (EC 3.2.1.31), a lysosomal hydrolase involved in the stepwise degradation of glucuronic acid-containing glycosaminoglycans (Shiple et al., 1993)

[PubMed 7680524]). It is a tetrameric glycoprotein composed of identical subunits (Oshima et al., 1987 [PubMed 3468507]). The GUSB gene is mutated in mucopolysaccharidosis type VII (MPS7; MIM 253220).

GUSB Antibody (Center) Blocking Peptide - References

Tomatsu,S. Hum. Mutat. 30 (4), 511-519 (2009)Romanowski,T. Med. Sci. Monit. 14 (7), BR147-BR152 (2008)Gratz,M. Pharmacogenet. Genomics 15 (12), 875-881 (2005)