

UST Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17272b

Specification

UST Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9Y2C2](#)

UST Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10090

Other Names

Uronyl 2-sulfotransferase, 282-, UST, DS2ST

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.

UST Antibody (C-term) Blocking Peptide - Protein Information

Name UST

Synonyms DS2ST

Function

Sulfotransferase that catalyzes the transfer of sulfate to the position 2 of uronyl residues. Has mainly activity toward iduronyl residues in dermatan sulfate, and weaker activity toward glucuronyl residues of chondroitin sulfate. Has no activity toward desulfated N- resulfated heparin.

Cellular Location

Golgi apparatus membrane; Single- pass type II membrane protein

Tissue Location

Widely expressed..

UST Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UST Antibody (C-term) Blocking Peptide - Images

UST Antibody (C-term) Blocking Peptide - Background

Uronyl 2-sulfotransferase transfers sulfate to the 2-position of uronyl residues, such as iduronyl residues in dermatan sulfate and glucuronyl residues in chondroitin sulfate (Kobayashi et al., 1999 [PubMed 10187838]).

UST Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Uher, R., et al. Am J Psychiatry 167(5):555-564(2010) Trynka, G., et al. Gut 58(8):1078-1083(2009) Xu, D., et al. J. Biol. Chem. 282(11):8356-8367(2007) Ohtake, S., et al. J. Biol. Chem. 280(47):39115-39123(2005)