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EXTL1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP18469b

Specification

EXTL1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q92935

EXTL1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2134

Other Names
Exostosin-like 1, Exostosin-L, Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase, Multiple exostosis-like protein, EXTL1, EXTL

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.

EXTL1 Antibody (C-term) Blocking Peptide - Protein Information

Name EXTL1

Synonyms EXTL

Function
Glycosyltransferase required for the biosynthesis of heparan- sulfate (HS) (PubMed:11390981). Transfers N-acetyl-alpha-D-glucosamine to the nascent HS chain (GlcNAcT-II activity) (PubMed:11390981). Appears to lack GlcNAcT I and GlcAT-II activities (PubMed:11390981).

Cellular Location
Endoplasmic reticulum membrane; Single-pass type II membrane protein

EXTL1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

EXTL1 Antibody (C-term) Blocking Peptide - Images

EXTL1 Antibody (C-term) Blocking Peptide - Background

This gene is a member of the multiple exostoses (EXT)family of glycosyltransferases, which function in the chainpolymerization of heparan sulfate and heparin. The encoded proteinharbors alpha 1,4- N-acetylglucosaminyltransferase activity, and isinvolved in chain elongation of heparan sulfate and possiblyheparin.

EXTL1 Antibody (C-term) Blocking Peptide - References

Wu, C., et al. Proteomics 7(11):1775-1785(2007)Mathysen, D., et al. Eur. J. Cancer 40(8):1255-1261(2004)Zak, B.M., et al. Biochim. Biophys. Acta 1573(3):346-355(2002)Kim, B.T., et al. Proc. Natl. Acad. Sci. U.S.A. 98(13):7176-7181(2001)Xu, L., et al. Hum. Genet. 105 (1-2), 45-50 (1999) :