

EXTL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18469b**Specification**

EXTL1 Antibody (C-term) Blocking Peptide - Product InformationPrimary 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 exostosin-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 chain polymerization of heparan sulfate and heparin. The encoded protein harbors alpha 1,4- N-acetylglucosaminyltransferase activity, and is involved in chain elongation of heparan sulfate and possibly heparin.

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) :