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EXTL2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9234b

Specification

EXTL2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9UBQ6

EXTL2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2135

Other Names
Exostosin-like 2, Alpha-1, 4-N-acetylhexosaminyltransferase EXTL2, Alpha-GalNAcT EXTL2, EXT-related protein 2, Glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase, Processed exostosin-like 2, EXTL2, EXTR2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9234b was selected from the C-term region of human EXTL2. 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.

EXTL2 Antibody (C-term) Blocking Peptide - Protein Information

Name EXTL2

Synonyms EXTR2

Function
Glycosyltransferase required for the biosynthesis of heparan- sulfate and responsible for the alternating addition of beta-1-4-linked glucuronic acid (GlcA) and alpha-1-4-linked N-acetylglucosamine (GlcNAc) units to nascent heparan sulfate chains.

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

Tissue Location

Ubiquitous.

EXTL2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

EXTL2 Antibody (C-term) Blocking Peptide - Images

EXTL2 Antibody (C-term) Blocking Peptide - Background

EXTL2 is a glycosyltransferase required for the biosynthesis of heparan-sulfate and responsible for the alternating addition of beta-1-4-linked glucuronic acid (GlcA) and alpha-1-4-linked N-acetylglucosamine (GlcNAc) units to nascent heparan sulfate chains.

EXTL2 Antibody (C-term) Blocking Peptide - References

Kaidonis,X., et.al, Eur. J. Hum. Genet. 18 (2), 194-199 (2010)Sobhany,M., et.al, J. Biol. Chem. 280 (25), 23441-23445 (2005)