

## **EXTL2 Antibody (C-term) Blocking Peptide**

Synthetic peptide Catalog # BP9234b

### **Specification**

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

Primary Accession

**09UBQ6** 

# 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 <a href=/products/AP9234b>AP9234b</a> 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)