

## **EXTL2 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58357

#### **Specification**

## **EXTL2 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rat, Pig, Dog
Host
Clonality
Calculated MW
Physical State

Q9UBQ6
Rat, Pig, Dog
Rabbit
Polyclonal
37 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human EXTL

Epitope Specificity 5-110/330

Isotype Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Endoplasmic reticulum membrane;

Single-pass type II membrane protein .Processed exostosin-like 2: Secreted. Note=A soluble form is found in the

serum.

SIMILARITY Belongs to the glycosyltransferase 47

family.

Post-translational modifications The soluble form derives from the

membrane form by proteolytic processing. This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

**Background Descriptions** 

EXTL2 is a glycosyltransferase required for the biosynthesis of heparan-sulfate and is 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 Polyclonal Antibody - Additional Information**

**Gene ID** 2135

Important Note

**Other Names** 

Exostosin-like 2, 2.4.1.223, 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



## Ubiquitous.

#### **Dilution**

<span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \> <span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \> <span class = "dilution\_IF">IF~~1:50~200</span><br \> <span class = "dilution\_E">E~~N/A</span>

### **Storage**

Store at -20  $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4  $^{\circ}$ C.

### **EXTL2 Polyclonal Antibody - 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 Polyclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **EXTL2 Polyclonal Antibody - Images**