



EXTL3 Polyclonal Antibody

Catalog No	BYab-23083
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	EXTL3 EXTL1L EXTR1 KIAA0519
Protein Name	Exostosin-like 3 (EC 2.4.1.223) (EXT-related protein 1) (Glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Hereditary multiple exostoses gene isolog) (Multiple exostosis-like)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	EXTL3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	101kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type II membrane protein . Golgi apparatus .
Tissue Specificity	Ubiquitous. Expressed in keratinocytes.
Function	catalytic activity:UDP-N-acetyl-D-glucosamine + beta-D-glucuronosyl-(1->3)-beta-D-galactosyl-(1->3)-beta-D-galactosyl-(1->4)-beta-D-xylosyl-proteoglycan = UDP + alpha-N-acetyl-D-glucosaminyl-(1->4)-beta-D-glucuronosyl-(1->3)-beta-D-galactosyl-(1->3)-beta-D-galactosyl-(1->4)-beta-D-xylosyl-proteoglycan.;caution:It is uncertain whether Met-1, Met-6 or Met-20 is the initiator.;disease:Candidate gene for the breast cancer locus on chromosome 8p12-p22.;function:Probable glycosyltransferase.;online information:Exostosin-like 3,online information:GlycoGene database,pathway:Glycan metabolism; heparan sulfate biosynthesis.;similarity:Belongs to the glycosyltransferase 47 family.;tissue

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specificity:Ubiquitous.,

Background

This gene encodes a single-pass membrane protein which functions as a glycosyltransferase. The encoded protein catalyzes the transfer of N-acetylglucosamine to glycosaminoglycan chains. This reaction is important in heparin and heparan sulfate synthesis. Alternative splicing results in the multiple transcript variants. [provided by RefSeq, Nov 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658