



EXTL3 Polyclonal Antibody

Catalog No	YP-Ab-06884
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	EXTL3 EXTL1L EXTR1 KIAA0519
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	EC:2.4.1.223;Exostosin-like 3;EXTL1L;EXTR1;EXT-related protein 1;EXTL3; EXTL3 EXTL1L EXTR1 KIAA0519;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-lik
Observed Band	105 kDa
Calculated Molecular Weight	105 kDa
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)-bet a-D-xylosyl-proteoglycan = UDP + alpha-N-acetyl-D-glucosaminyl-(1->4)-beta-D-glucuronosyl-(1->3)-beta-D-galacto syl-(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 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