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anti-EXTL3 antibody (AA 351-450) (Biotin)



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Quantity:	100 μL
Target:	EXTL3
Binding Specificity:	AA 351-450
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXTL3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EXTL3
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Horse
Purification:	Purified by Protein A.

Target Details

Target:	EXTL3
Alternative Name:	EXTL3 (EXTL3 Products)

Target Details

Background:	Synonyms: botv, DKFZp686C2342, Exostoses multiple-like 3, Exostoses-like 3, Exostosin-like 3,
	EXT-related protein 1, EXTL1L, EXTL3, EXTL3_HUMAN, EXTR1, Glucuronyl-galactosyl-
	proteoglycan 4-alpha-N-acetylglucosaminyltransferas, Glucuronyl-galactosyl-proteoglycan 4-
	alpha-N-acetylglucosaminyltransferase, Hereditary multiple exostoses gene isolog, KIAA0519,
	Multiple exostosis-like protein 3, Putative tumor suppressor protein EXTL3, REG, Reg receptor,
	REGR, RPR.
	Background: EXTL3 is a member of the EXT (hereditary multiple exostosin) gene family of
	tumor suppressors encoding glycosyltransferases involved in heparan sulfate (HS)
	biosynthesis. Within this family, the C-terminus is conserved between all members from C.
	elegans to vertebrates. EXTL3 is a ubiquitously expressed, developmentally regulated, single-
	pass type II membrane protein that localizes to the endoplasmic reticulum membrane. EXTL3
	adds N-acetylglucosamine (GlcNAc) to the polysaccharide-protein linkage region and to the
	growing HS chain suggesting that it plays a role in both the initiation and elongation of HS
	chains. In addition, EXTL3 may act as a Reg receptor, binding Reg via its N-terminus.
Gene ID:	2137
Pathways:	Glycosaminoglycan Metabolic Process, ER-Nucleus Signaling
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months