Datasheet for ABIN1710142

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

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Overview

Quantity:	100 µL
Target:	EXTL3
Binding Specificity:	AA 351-450
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXTL3 antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months