

ARG58644 anti-EXT1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes EXT1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	EXT1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 467-746 of Human EXT1 (NP_000118.2).
Conjugation	Un-conjugated
Alternate Names	TRPS2; Putative tumor suppressor protein EXT1; LGCR; TTV; EC 2.4.1.224; EXT; Multiple exostoses protein 1; Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; LGS; EC 2.4.1.225; Exostosin-1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:10 - 1:100
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	PC-3	
Observed Size	88 kDa	

Properties

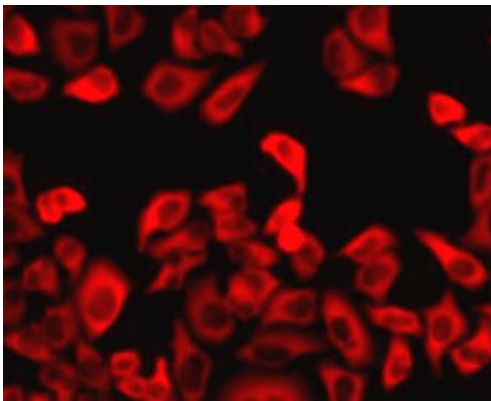
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

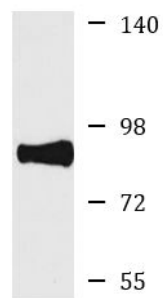
Gene Symbol	EXT1
Gene Full Name	exostosin glycosyltransferase 1
Background	This gene encodes an endoplasmic reticulum-resident type II transmembrane glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq, Jul 2008]
Function	Glycosyltransferase required for the biosynthesis of heparan-sulfate. The EXT1/EXT2 complex possesses substantially higher glycosyltransferase activity than EXT1 or EXT2 alone. Appears to be a tumor suppressor. [UniProt]
Calculated Mw	86 kDa
Cellular Localization	Endoplasmic reticulum membrane, Single-pass type II membrane protein, Golgi apparatus membrane. [UniProt]

Images



ARG58644 anti-EXT1 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG58644 anti-EXT1 antibody.



PC-3

ARG58644 anti-EXT1 antibody WB image

Western blot: 25 µg of PC-3 cell lysate stained with ARG58644 anti-EXT1 antibody at 1:1000 dilution.