

ARG58606 anti-EXT2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes EXT2
Tested Reactivity	Hu
Predict Reactivity	Ms, Bov
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	EXT2
Species	Human
Immunogen	KLH-conjugated synthetic peptide between aa. 182-209 of Human EXT2.
Conjugation	Un-conjugated
Alternate Names	Multiple exostoses protein 2; SOTV; Putative tumor suppressor protein EXT2; Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; EC 2.4.1.225; EC 2.4.1.224; Exostosin-2

Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	IHC-P	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	T47D	

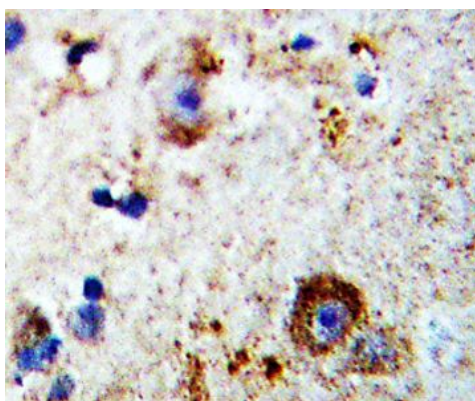
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
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 or below. 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.

Bioinformation

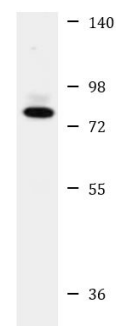
Gene Symbol	EXT2
Gene Full Name	exostosin glycosyltransferase 2
Background	This gene encodes one of two glycosyltransferases involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type II form of multiple exostoses. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [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	82 kDa
Cellular Localization	Endoplasmic reticulum membrane; Single-pass type II membrane protein. Golgi apparatus membrane; Single-pass type II membrane protein. Note=The EXT1/EXT2 complex is localized in the Golgi apparatus. [UniProt]

Images



ARG58606 anti-EXT2 antibody IHC-P image

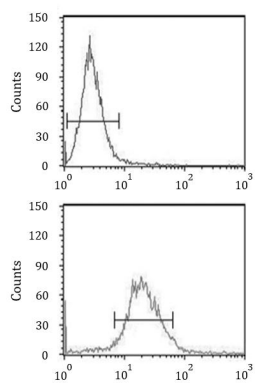
Immunohistochemistry: Formalin-fixed and paraffin-embedded Human brain tissue stained with ARG58606 anti-EXT2 antibody.



T47D

ARG58606 anti-EXT2 antibody WB image

Western blot: 35 µg of T47D cell lysate stained with ARG58606 anti-EXT2 antibody at 1:1000 dilution.



ARG58606 anti-EXT2 antibody FACS image

Flow Cytometry: HeLa cells stained with ARG58606 anti-EXT2 antibody (bottom histogram) or without primary antibody as control (top histogram), followed by incubation with FITC labelled secondary antibody.