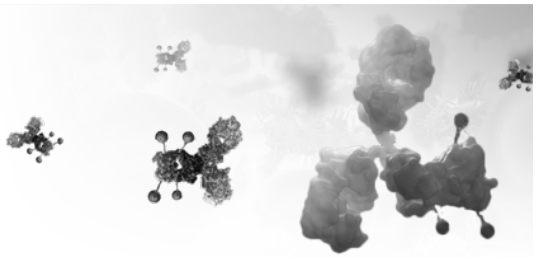

Mouse anti-Human EXT2 monoclonal antibody, clone 4H7 (CABT-B10219)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	EXT2 (AAH10058, 216 a.a. ~ 315 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4H7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	GFSTWTYRQGYDVSIPVYSPLSAEVDLPEKGPGPRQYFLLSSQVGLHPEYREDLEALQVK HGESVLVLDKCTNLSEGVLSVRKRCHKHQVFDYPQVLQEA
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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

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	exostoses. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]
Keywords	EXT2; exostosin glycosyltransferase 2; SOTV; exostosin-2; multiple exostoses protein 2; putative tumor suppressor protein EXT2; N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase; glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase;

GENE INFORMATION

Entrez Gene ID	2132
Pathway	Glycosaminoglycan biosynthesis - heparan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - heparan sulfate, conserved biosystem; Metabolic pathways, organism-specific biosystem
Function	N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase activity; contributes_to acetylglucosaminyltransferase activity; glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase activity; glucuronosyltransferase activity; heparan sulfate N-acetylglucosaminyltransferase activity; protein binding; protein heterodimerization activity; NOT protein homodimerization activity; transferase activity, transferring glycosyl groups

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