



Anti-CHST11 (aa 230-337) polyclonal antibody (DPAB-DC2078)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage, and is distributed on the surfaces of many cells and extracellular matrices. A chromosomal translocation involving this gene and IgH, t(12;14)(q23;q32), has been reported in a patient with B-cell chronic lymphocytic leukemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	CHST11 (NP_060883, 230 a.a. ~ 337 a.a) partial recombinant protein with GST tag. The sequence is RKGDDVKFEEFVAYLIDPHTQREEPFNEHWQTVYSLCHPCHIHVDLVGKYETLEEDSNYV LQLAGVGSYLKFPTYAKSTRTTDEMTTEFFQNISSEHQTQLYEYVKLD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CHST11 carbohydrate (chondroitin 4) sulfotransferase 11 [Homo sapiens (human)]
Official Symbol	CHST11
Synonyms	CHST11; carbohydrate (chondroitin 4) sulfotransferase 11; C4ST; C4ST1; C4ST-1; HSA269537; carbohydrate sulfotransferase 11; C4S-1; IgH/CHST11 fusion; chondroitin 4-O-sulfotransferase 1;
Entrez Gene ID	50515
Protein Refseq	NP_001167453
UniProt ID	Q9NPF2
Chromosome Location	12q
Pathway	Chondroitin sulfate biosynthesis; Disease; Glycogen storage diseases; Glycosaminoglycan biosynthesis - chondroitin sulfate / dermatan sulfate
Function	N-acetylgalactosamine 4-O-sulfotransferase activity; N-acetylgalactosamine 4-sulfate 6-O-sulfotransferase activity; chondroitin 4-sulfotransferase activity;