



Anti-CHST12 monoclonal antibody (DCABH-11015)

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

PRODUCT INFORMATION

Antigen Description	Chondroitin 4-sulfotransferases, such as CHST12, add sulfate to position 4 of N-acetylgalactosamine residues in chondroitin (Hiraoka et al., 2000 [PubMed 10781601]).
Immunogen	A synthetic peptide of human CHST12 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CHST12 carbohydrate (chondroitin 4) sulfotransferase 12 [Homo sapiens]
Official Symbol	CHST12
Synonyms	CHST12; carbohydrate (chondroitin 4) sulfotransferase 12; carbohydrate sulfotransferase 12;

C4S 2; C4ST2; sulfotransferase Hlo; chondroitin 4-sulfotransferase 2; chondroitin 4-O-sulfotransferase 2; C4S-2; C4ST-2;

Entrez Gene ID	55501
Protein Refseq	NP_001230723
UniProt ID	A0A024R860
Chromosome Location	7p22
Pathway	Glycosaminoglycan biosynthesis - chondroitin sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - chondroitin sulfate, conserved biosystem; Sulfur metabolism, organism-specific biosystem; Sulfur metabolism, conserved biosystem; chondroitin sulfate biosynthesis, organism-specific biosystem; chondroitin sulfate biosynthesis, conserved biosystem; chondroitin sulfate biosynthesis (late stages), organism-specific biosystem.
Function	3-phosphoadenosine 5-phosphosulfate binding; chondroitin 4-sulfotransferase activity; sulfotransferase activity; transferase activity;
