



Anti-CHST5 polyclonal antibody (DPAB-DC2530)

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

PRODUCT INFORMATION

Antigen Description	CHST5 (carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5) is a protein-coding gene. Diseases associated with CHST5 include colon mucinous adenocarcinoma, and macular corneal dystrophy, and among its related super-pathways are Metabolism of carbohydrates and Keratan sulfate/keratin metabolism. GO annotations related to this gene include sulfotransferase activity and N-acetylglucosamine 6-O-sulfotransferase activity. An important paralog of this gene is CHST4.
Immunogen	A synthetic peptide corresponding to mouse Chst5. The sequence is C-DSFKWASSTEKQPE
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Chst5 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5 [Mus musculus (house mouse)]
Official Symbol	CHST5
Synonyms	CHST5; carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5; GST-4; Gn6st-3; AI173964; I-GlcNAc-6-ST; carbohydrate sulfotransferase 5; GST4; mIGn6ST; I-GlcNAc6ST; glcNAc6ST-3; intestinal GlcNAc-6-sulfotransferase; N-acetylglucosamine 6-O-sulfotransferase 3; intestinal N-acetylglucosamine-6-O-sulfotransferase; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4;
Entrez Gene ID	56773
Protein Refseq	NP_064334
UniProt ID	Q9QUP4
Chromosome Location	8 E1; 8
Pathway	Disease; Glycosaminoglycan biosynthesis - keratan sulfate; Glycosaminoglycan metabolism; Keratan sulfate/keratin metabolism
Function	1-hydroxypyrene sulfotransferase activity; 1-phenanthrol sulfotransferase activity; 2-phenanthrol sulfotransferase activity; 3-phenanthrol sulfotransferase activity