

DNAxPAb

Hard-to-Find
Antibody

CHST14 DNAxPab

Catalog # H00113189-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CHST14 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MFPRPLTPLAAPNGAEPLGRALRRAPLGRARAGLGGPPLLLPSMLMFAVIVASSGLLLMIERGILA EMKPLPLHPPGREGTAWRGKAPKPGGLSLRAGDADLQVRQDVRNRTLRAVCGQPMPRPDW DLPVGQRRTLLRHILVSDRYRFLCYVPKVACSNWKRMKVLAVGLDSVDVRLKMDHRSDLVFL ADLRPEEIRYRLQHYFKFLFVREPLERLLSAYRNKFGEIREYQQRYGAEVRRYRAGAGPSPAGDD VTFPEFLRYLVDEDPERMNEHWMPVYHLCQPCAVHYDFVGSYERLEADANQVLEWVRAPPHVR FPARQAWYRPASPESLHYHLCSAPRALLQDVLPKYILDFSLFAYPLPNVTKEACQQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CHST14

Entrez GeneID	113189
GeneBank Accession#	NM_130468.2
Protein Accession#	NP_569735.1
Gene Name	CHST14
Gene Alias	D4ST-1, D4ST1, HD4ST, HNK1ST
Gene Description	carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 14
Gene Ontology	Hyperlink
Gene Summary	D4ST1 catalyzes the 4-O-sulfation of N-acetylgalactosamine (GalNAc) residues in dermatan sulfate, a stereoisomeric form of chondroitin sulfate that contains varying proportions of iduronic acid in place of glucuronic acid (Mikami et al., 2003 [PubMed 12847091]).[supplied by OMIM]
Other Designations	dermatan 4 sulfotransferase 1 dermatan-4-sulfotransferase-1

Pathway

- [Chondroitin sulfate biosynthesis](#)