

Rabbit anti-Human CHST6 Polyclonal Antibody | anti-CHST6 antibody

CHST6 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287482	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CHST6; Polyclonal Antibody; CHST6 Antibody (C-term); Carbohydrate sulfotransferase 6; 282-; Corneal N-acetylglucosamine-6-O-sulfotransferase; C-GlcNAc6ST; hCGn6ST; Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4-beta; GST4-beta; N-acetylglucosamine 6-O-sulfotransferase 5; GlcNAc6ST-5; Gn6st-5; anti-CHST6 antibody

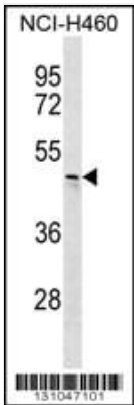
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHST6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-325 amino acids from the C-terminal region of human CHST6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	296-325
Sequence Length	395
Applicable Applications for anti-CHST6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
CHST6 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CHST6 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CHST6 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the CHST6 antibody detected the CHST6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CHST6 antibody	The protein encoded by this gene is an enzyme that catalyzes the transfer of a sulfate group to the GlcNAc residues of keratan. Keratan sulfate helps maintain corneal transparency. Defects in this gene are a cause of macular corneal dystrophy (MCD).
Product Categories/Family for anti-CHST6 antibody	Neuroscience
References	Liu, Z., et al. Cornea 29(8):883-888(2010) Dastani, Z., et al. Eur. J. Hum. Genet. 18(3):342-347(2010) Dang, X., et al. Mol. Vis. 15, 700-705 (2009) : Birgani, S.A., et al. Mol. Vis. 15, 373-377 (2009) : Sultana, A., et al. Mol. Vis. 15, 319-325 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	11055976
NCBI GeneID	4166
NCBI Accession #	NP_067628.1
NCBI GenBank Nucleotide #	NM_021615.4
UniProt Accession #	Q9GZX3; D3DUK3
Molecular Weight	44099
NCBI Official Full Name	carbohydrate sulfotransferase 6
NCBI Official Synonym Full Names	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6
NCBI Official Symbol	CHST6
NCBI Official Synonym Symbols	MCDC1
NCBI Protein Information	carbohydrate sulfotransferase 6
UniProt Protein Name	Carbohydrate sulfotransferase 6
UniProt Gene Name	CHST6

UniProt Synonym Gene Names	C-GlcNAc6ST; hCGn6ST; GST4-beta; GlcNAc6ST-5; Gn6st-5
UniProt Entry Name	CHST6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/chst6-antibody-immunohistochemistry-western-blot-elisa/287482>