

Rabbit CHST3 Polyclonal Antibody | anti-CHST3 antibody

CHST3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285477	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

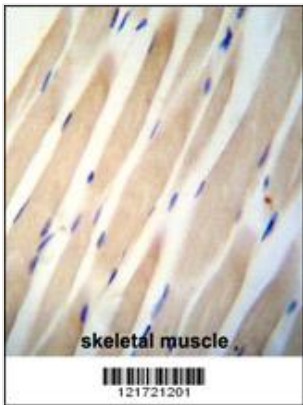
PRODUCT SYNONYMS

CHST3; Polyclonal Antibody; CHST3 Antibody (N-term); Carbohydrate sulfotransferase 3; Chondroitin 6-O-sulfotransferase 1; C6ST-1; Chondroitin 6-sulfotransferase; Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0; GST-0; anti-CHST3 antibody

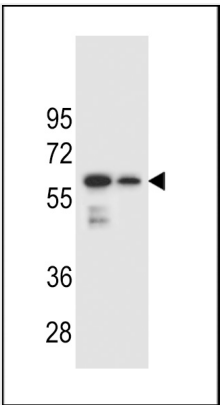
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHST3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-54 amino acids from the N-terminal region of human CHST3.
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: 0.5 (varies by lot)
Sequence Positions	25-54
Sequence Length	479
Applicable Applications for anti-CHST3 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)
CHST3 antibody(N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CHST3 antibody(N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CHST3 Antibody (N-term) western blot analysis in mouse spleen and lung tissue lysates (35ug/lane).This demonstrates the CHST3 antibody detected the CHST3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CHST3 antibody	CHST3 is an enzyme which catalyzes the sulfation of chondroitin, a proteoglycan found in the extracellular matrix and most cells which is involved in cell migration and differentiation.
Product Categories/Family for anti-CHST3 antibody	Signal Transduction
References	Unger, S., et al. Am. J. Med. Genet. A 152A (10), 2543-2549 (2010) : Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009) Tuysuz, B., et al. Clin. Genet. 75(4):375-383(2009) Kitagawa, H., et al. J. Biol. Chem. 283(41):27438-27443(2008) Hermanns, P., et al. Am. J. Hum. Genet. 82(6):1368-1374(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923281
NCBI GeneID	9469
NCBI Accession #	NP_004264.2
NCBI GenBank Nucleotide #	NM_004273.4
UniProt Accession #	Q7LGC8; O75099; Q52M30
Molecular Weight	54706
NCBI Official Full Name	carbohydrate sulfotransferase 3
NCBI Official Synonym Full Names	carbohydrate (chondroitin 6) sulfotransferase 3
NCBI Official Symbol	CHST3
NCBI Official Synonym Symbols	HSD; C6ST; C6ST1
NCBI Protein Information	carbohydrate sulfotransferase 3
UniProt Protein Name	Carbohydrate sulfotransferase 3
UniProt Gene Name	CHST3

UniProt Synonym Gene Names	C6ST-1; GST-0
UniProt Entry Name	CHST3_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/chst3-antibody-immunohistochemistry-western-blot-elisa/285477>