

Rabbit CHST2 Polyclonal Antibody | anti-CHST2 antibody

CHST2 Antibody (Center)

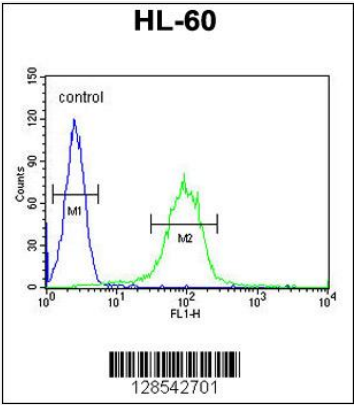
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289439	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

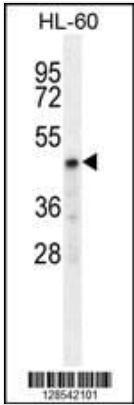
CHST2; Polyclonal Antibody; CHST2 Antibody (Center); Carbohydrate sulfotransferase 2; 282-; Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 2; GST-2; N-acetylglucosamine 6-O-sulfotransferase 1; GlcNAc6ST-1; Gn6ST-1; GN6ST; anti-CHST2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHST2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 309-335 amino acids from the Central region of human CHST2.
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	309-335
Sequence Length	483
Applicable Applications for anti-CHST2 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
CHST2 Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
CHST2 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the CHST2 antibody detected the CHST2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CHST2 antibody	N-acetylglucosamine-6-O-sulfotransferases, such as CHST2, catalyze the transfer of sulfate from 3-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS) to position 6 of a nonreducing N-acetylglucosamine (GlcNAc) residue (Uchimura et al., 1998 [PubMed 9722682]).
References	Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Ross, C.J., et al. Nat. Genet. 41(12):1345-1349(2009) Desko, M.M., et al. Glycobiology 19(10):1068-1077(2009) Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009) Kanoh, A., et al. Glycoconj. J. 23 (5-6), 453-460 (2006) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	27369497
NCBI GeneID	9435
NCBI Accession #	NP_004258.2
NCBI GenBank Nucleotide #	NM_004267.4
UniProt Accession #	Q9Y4C5; Q2M370; Q9GZN5; Q9UED5; Q9Y6F2; D3DNG5
Molecular Weight	57857
NCBI Official Full Name	carbohydrate sulfotransferase 2
NCBI Official Synonym Full Names	carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2
NCBI Official Symbol	CHST2
NCBI Official Synonym Symbols	C6ST; GST2; GST-2; Gn6ST-1; HEL-S-75; glcNAc6ST-1
NCBI Protein Information	carbohydrate sulfotransferase 2
UniProt Protein Name	Carbohydrate sulfotransferase 2
UniProt Gene Name	CHST2
UniProt Synonym Gene Names	GN6ST; GST-2; GlcNAc6ST-1; Gn6ST-1
UniProt Entry Name	CHST2_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/chst2-antibody-flow-cytometry-western-blot-elisa/289439>