

Rabbit anti-Human, mouse CHSY1 Polyclonal Antibody | anti-CHSY1 antibody

CHSY1 Antibody (Center)

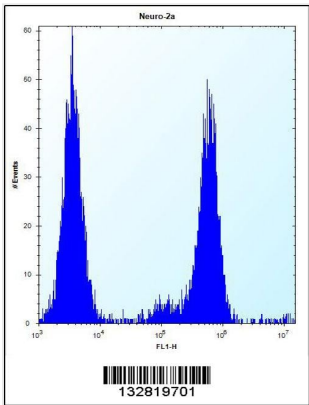
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285890	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

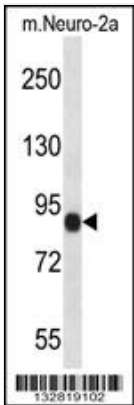
CHSY1; Polyclonal Antibody; CHSY1 Antibody (Center); Chondroitin sulfate synthase 1; Chondroitin glucuronyltransferase 1; Chondroitin synthase 1; ChSy-1; Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase 1; N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase 1; N-acetylgalactosaminyltransferase 1; CHSY; CSS1; KIAA0990; anti-CHSY1 antibody

PRODUCT SPECIFICATIONS

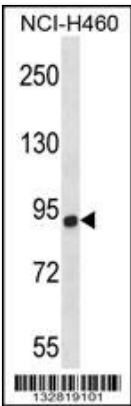
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHSY1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 504-533 amino acids from the Central region of human CHSY1.
Purity/Purification	Peptide Affinity Purified Rabbit 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	504-533
Sequence Length	802
Applicable Applications for anti-CHSY1 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)
CHSY1 Antibody (Center) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
CHSY1 Antibody (Center) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the CHSY1 antibody detected the CHSY1 protein (arrow).



WB (Western Blot)
CHSY1 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the CHSY1 antibody detected the CHSY1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CHSY1 antibody	CHSY1 synthesizes chondroitin sulfate, a glycosaminoglycan expressed on the surface of most cells and in extracellular matrices. Glycosaminoglycan chains are covalently linked to a wide range of core protein families and regulate many biologic processes, including cell proliferation and recognition, extracellular matrix deposition, and morphogenesis.[supplied by OMIM].
References	Yada, T., et al. J. Biol. Chem. 278(41):39711-39725(2003) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Kitagawa, H., et al. J. Biol. Chem. 278(26):23666-23671(2003) Kitagawa, H., et al. J. Biol. Chem. 276(42):38721-38726(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542309
NCBI GeneID	22856
NCBI Accession #	NP_055733.2
NCBI GenBank Nucleotide #	NM_014918.4

UniProt Accession #	Q86X52 ; Q6UX38 ; Q7LFU5 ; Q9Y2J5
Molecular Weight	91784
NCBI Official Full Name	chondroitin sulfate synthase 1
NCBI Official Synonym Full Names	chondroitin sulfate synthase 1
NCBI Official Symbol	CHSY1
NCBI Official Synonym Symbols	CHSY; CSS1; TPBS; ChSy-1
NCBI Protein Information	chondroitin sulfate synthase 1
UniProt Protein Name	Chondroitin sulfate synthase 1
UniProt Gene Name	CHSY1
UniProt Synonym Gene Names	CHSY; CSS1; KIAA0990; ChSy-1
UniProt Entry Name	CHSS1_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://stage.aaabiotech.com/polyclonal/chsy1-antibody-flow-cytometry-western-blot-elisa/285890>