

Rabbit anti-Human CSGALNACT2 Polyclonal Antibody | anti-CSGALNACT2 antibody

CSGALNACT2 Antibody (Center)

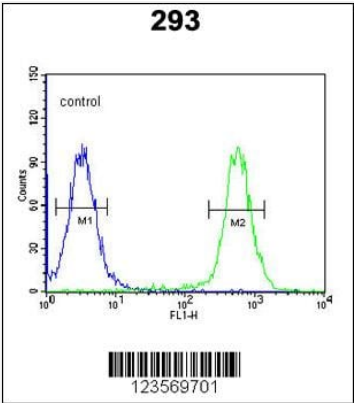
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287761	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

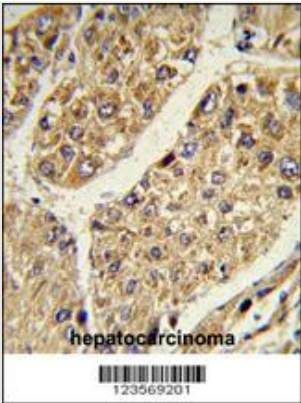
CSGALNACT2; Polyclonal Antibody; CSGALNACT2 Antibody (Center); Chondroitin sulfate N-acetylgalactosaminyltransferase 2; Chondroitin beta-1; 4-N-acetylgalactosaminyltransferase 2; Beta4GalNAcT-2; GalNAcT-2; CHGN2; GALNACT2; anti-CSGALNACT2 antibody

PRODUCT SPECIFICATIONS

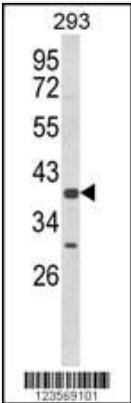
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CSGALNACT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 200-229 amino acids from the Central region of human CSGALNACT2.
Purity/Purification	Peptide Affinity Purified Rabbit 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	200-229
Sequence Length	333
Applicable Applications for anti-CSGALNACT2 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
CSGALNACT2 Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with CSGALNACT2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CSGALNACT2 Antibody (Center) in 293 cell line lysates (35ug/lane). CSGALNACT2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CSGALNACT2 antibody	Transfers 1,4-N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of glucuronic acid (GlcUA). It is required for addition of the first GalNAc to the core tetrasaccharide linker and for elongation of chondroitin chains.
References	Yu Y., et.al., Genome Res. 11:1392-1403(2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	24429592
NCBI GeneID	55454
NCBI Accession #	NP_061060.3
NCBI GenBank Nucleotide #	NM_018590.4
UniProt Accession #	Q8N6G5; Q6MZJ5; Q6MZP6; Q8TCH4; Q9P1I6; B3KWL7
Molecular Weight	62572
NCBI Official Full Name	chondroitin sulfate N-acetylgalactosaminyltransferase 2
NCBI Official Synonym Full Names	chondroitin sulfate N-acetylgalactosaminyltransferase 2

NCBI Official Symbol	CSGALNACT2
NCBI Official Synonym Symbols	CHGN2; PRO0082; GALNACT2; GALNACT-2
NCBI Protein Information	chondroitin sulfate N-acetylgalactosaminyltransferase 2
UniProt Protein Name	Chondroitin sulfate N-acetylgalactosaminyltransferase 2
UniProt Gene Name	CSGALNACT2
UniProt Synonym Gene Names	CHGN2; GALNACT2; Beta4GalNAcT-2; GalNAcT-2
UniProt Entry Name	CGAT2_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/csgalnact2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287761>