

Rabbit ChGn Polyclonal Antibody | anti-CSGALNACT1 antibody

ChGn antibody - C-terminal region

CATALOG # AAA199801	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ChGn; Polyclonal Antibody; ChGn antibody - C-terminal region; anti-CSGALNACT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: DE LTPEQYKMCM QSKAMNEASH GQLGMLVFRH EIEAHLRKQK QKTSSKKT
Sequence Length	532
Applicable Applications for anti-CSGALNACT1 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ChGn
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ChGn Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: MCF7 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: CSGALNACT1
Sample Type: Human Fetal Heart
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CSGALNACT1 antibody

This is a rabbit polyclonal antibody against ChGn. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: ChGn transfers 1,4-N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of glucuronic acid (GlcUA). This protein is required for addition of the first GalNAc to the core tetrasaccharide linker and for elongation of chondroitin chains. It plays an important role in chondroitin chain biosynthesis in cartilage.

Product Categories/Family for anti-CSGALNACT1 antibody	Polyclonal; Neurobiology; Signal Proteins; Cell Adhesion; Membrane Protein; Drugs and Drug Metabolism; Cell Structure
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194473683
NCBI GeneID	55790
NCBI Accession #	NP_060841
NCBI GenBank Nucleotide #	NM_018371
UniProt Accession #	Q8TDX6
Molecular Weight	61kDa
NCBI Official Full Name	chondroitin sulfate N-acetylgalactosaminyltransferase 1
NCBI Official Synonym Full Names	chondroitin sulfate N-acetylgalactosaminyltransferase 1
NCBI Official Symbol	CSGALNACT1
NCBI Official Synonym Symbols	ChGn; ChGn-1; CSGalNAcT-1; beta4GalNAcT
NCBI Protein Information	chondroitin sulfate N-acetylgalactosaminyltransferase 1
UniProt Protein Name	Chondroitin sulfate N-acetylgalactosaminyltransferase 1
UniProt Gene Name	CSGALNACT1
UniProt Synonym Gene Names	CHGN; GALNACT1; CsGalNAcT-1
UniProt Entry Name	CGAT1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/chgn-antibody-western-blot-elisa/199801>