

Rabbit anti-Human CHST3 Polyclonal Antibody | anti-CHST3 antibody

CHST3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234837	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

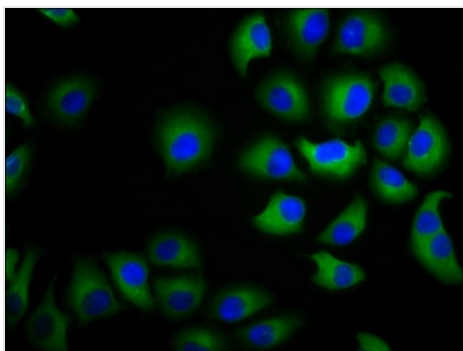
PRODUCT SYNONYMS

CHST3; Polyclonal Antibody; CHST3 Antibody; 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

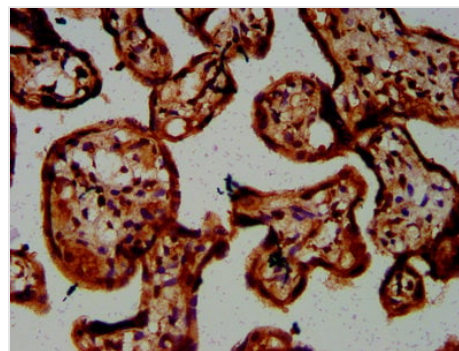
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	479
Applicable Applications for anti-CHST3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Carbohydrate sulfotransferase 3 protein (316-427AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234837 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234837 diluted at 1:300 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-CHST3 antibody	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the transfer of sulfate to position 6 of the N-acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Can also sulfate Gal residues of keratan sulfate, another glycosaminoglycan, and the Gal residues in sialyl N-acetyllactosamine (sialyl LacNAc) oligosaccharides. May play a role in the maintenance of naive T-lymphocytes in the spleen.
Product Categories/Family for anti-CHST3 antibody	Tags & Cell Markers ; Signal transduction

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	54,706 Da
NCBI Official Full Name	carbohydrate sulfotransferase 3
NCBI Official Synonym Full Names	carbohydrate 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

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-immunofluorescence-immunohistochemistry-elisa/234837>