

Rabbit CHST13 Polyclonal Antibody | anti-CHST13 antibody

CHST13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324555	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

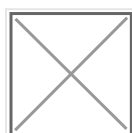
PRODUCT SYNONYMS

CHST13; Polyclonal Antibody; CHST13 Antibody; C4ST 3; C4ST-3; C4ST3; Carbohydrate (chondroitin 4) sulfotransferase 13; Carbohydrate sulfotransferase 13; Chondroitin 4 O sulfotransferase 3; Chondroitin 4 sulfotransferase 3; Chondroitin 4-O-sulfotransferase 3; Chondroitin 4-sulfotransferase 3; CHST 13; CHSTD_HUMAN; MGC119278; MGC119279; MGC119281; anti-CHST13 antibody

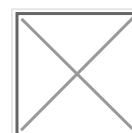
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CHST13 antibody detects endogenous levels of total CHST13
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	341
Applicable Applications for anti-CHST13 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Golgi Apparatus
Tissue Specificity	Highly expressed in adult liver. Expressed at lower level in kidney, lymph nodes and fetal kidney.
Predicted Cross Reactivity	Pig, Bovine, Chicken
Similarity	Pig (80%), Bovine (90%), Chicken (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from K562 cells, using CHST13 antibody.

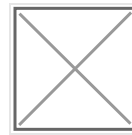

IHC (Immunohistochemistry)

AAA324555 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324555 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from rat brain, using CHST13 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CHST13 antibody

Function: Catalyzes the transfer of sulfate to position 4 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. Transfers sulfate to the C4 hydroxyl of beta1, 4-linked GalNAc that is substituted with a beta-linked glucuronic acid at the C-3 hydroxyl. No activity toward dermatan. Similarity: Belongs to the sulfotransferase 2 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23097238
NCBI GeneID	166012
NCBI Accession #	NP_690849.1
NCBI GenBank Nucleotide #	NM_152889.2
UniProt Accession #	Q8NET6; Q3SYA3; Q3SYA5
Molecular Weight	Observed: 39 kD Predicted: 39 kDa
NCBI Official Full Name	carbohydrate sulfotransferase 13
NCBI Official Synonym Full Names	carbohydrate sulfotransferase 13
NCBI Official Symbol	CHST13
NCBI Official Synonym Symbols	C4ST3
NCBI Protein Information	carbohydrate sulfotransferase 13
UniProt Protein Name	Carbohydrate sulfotransferase 13
UniProt Gene Name	CHST13
UniProt Synonym Gene Names	C4ST-3; C4ST3

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/chst13-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324555>