

Rabbit GALNAC4S-6ST Polyclonal Antibody | anti-CHST15 antibody

GALNAC4S-6ST antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199779	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

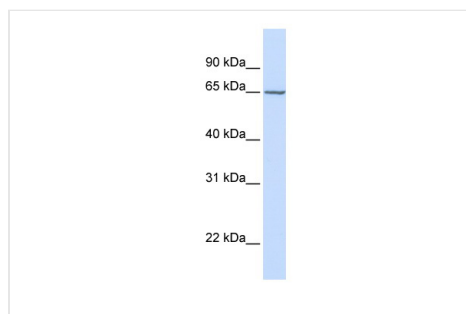
PRODUCT SYNONYMS

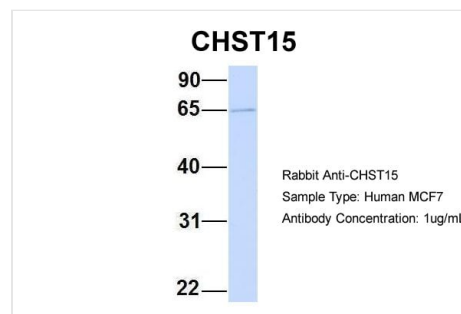
GALNAC4S-6ST; Polyclonal Antibody; GALNAC4S-6ST antibody - middle region; anti-CHST15 antibody

PRODUCT SPECIFICATIONS

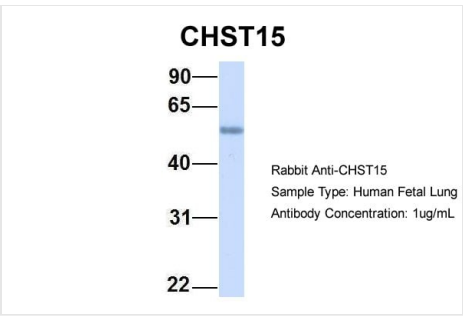
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: YD NSTDGEPPFL TQDFIHAFQP NARLIVMLRD PVERLYSDYL YFASSNKS
Sequence Length	561
Applicable Applications for anti-CHST15 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GALNAC4S-6ST
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)

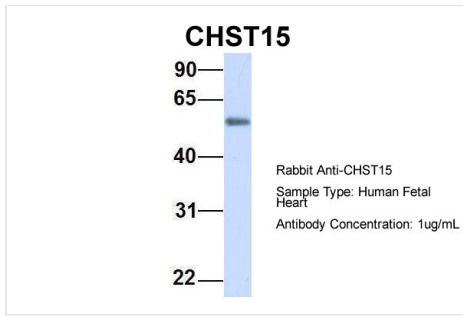
WB Suggested Anti-GALNAC4S-6ST Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:12500
Positive Control: Hela cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: CHST15
Sample Type: MCF7
Antibody Dilution: 1.0 ug/mL
CHST15 is supported by BioGPS gene expression data to be expressed in MCF7



WB (Western Blot)

Host: RabbitTarget Name: CHST15Sample Type: Human Fetal LungAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: CHST15Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CHST15 antibody	This is a rabbit polyclonal antibody against GALNAC4S-6ST. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GALNAC4S-6ST is a sulfotransferase that transfers sulfate from 3'-phosphoadenosine 5'-phosphosulfate (PAPS) to the C-6 hydroxyl group of the GalNAc 4-sulfate residue of chondroitin sulfate A and forms chondroitin sulfate E containing GlcA-GalNAc(4,6-SO(4)) repeating units. It also transfers sulfate to a unique non-reducing terminal sequence, GalNAc(4SO4)-GlcA(2SO4)-GalNAc(6SO4), to yield a highly sulfated structure similar to the structure found in thrombomodulin chondroitin sulfate. GALNAC4S-6ST may also act as a B-cell receptor involved in BCR ligation-mediated early activation that mediate regulatory signals key to B-cell development and/or regulation of B-cell-specific RAG expression; however such results are unclear in vivo.
Product Categories/Family for anti-CHST15 antibody	Polyclonal; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	45505173
NCBI GeneID	51363
NCBI Accession #	NP_056976
NCBI GenBank Nucleotide #	NM_015892
UniProt Accession #	Q7LFX5
Molecular Weight	65kDa
NCBI Official Full Name	carbohydrate sulfotransferase 15 isoform 1
NCBI Official Synonym Full Names	carbohydrate sulfotransferase 15
NCBI Official Symbol	CHST15
NCBI Official Synonym Symbols	BRAG; GALNAC4S-6ST
NCBI Protein Information	carbohydrate sulfotransferase 15
UniProt Protein Name	Carbohydrate sulfotransferase 15
UniProt Gene Name	CHST15
UniProt Synonym Gene Names	BRAG; GALNAC4S6ST; KIAA0598; hBRAG; GalNAc4S-6ST
UniProt Entry Name	CHSTF_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.

