

Datasheet for ABIN2782860
anti-CHST15 antibody (Middle Region)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	CHST15
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Guinea Pig, Horse, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GALNAC4S-6ST
Sequence:	YDNSTDGEPP FLTQDFIHAF QPNARLIVML RDPVERLYSD YLYFASSNKS
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GALNAC4S-6ST. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CHST15
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Target Details

Alternative Name:	GALNAC4S-6ST (CHST15 Products)
Background:	<p>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.</p> <p>Alias Symbols: BRAG, DKFZp781H1369, KIAA0598, MGC34346, RP11-47G11.1, GALNAC4S-6ST</p> <p>Protein Interaction Partner: UBC, RRAGD, LYN, HCK,</p> <p>Protein Size: 561</p>
Molecular Weight:	65 kDa
Gene ID:	51363
NCBI Accession:	NM_015892 , NP_056976
UniProt:	Q7LFX5
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 561 AA
Restrictions:	For Research Use only

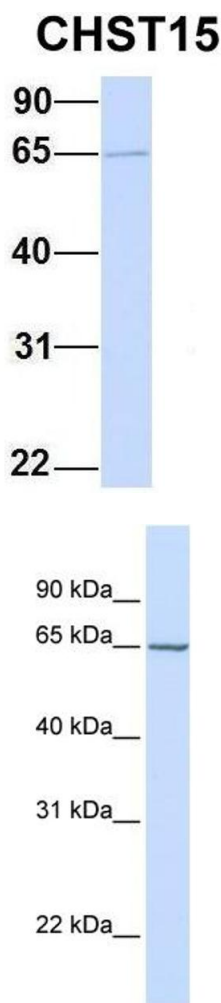
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

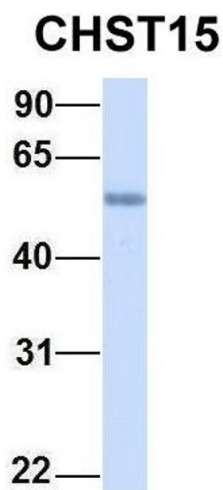


Western Blotting

Image 1. Host: Rabbit Target Name: CHST15 Sample Type: MCF7 Antibody Dilution: 1.0ug/ml CHST15 is supported by BioGPS gene expression data to be expressed in MCF7

Western Blotting

Image 2. WB Suggested Anti-GALNAC4S-6ST Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Hela cell lysate



Western Blotting

Image 3. Host: Rabbit Target Name: CHST15 Sample Type:
Human Fetal Lung Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2782860.