CHST13 rabbit pAb

Cat No.:ES4987

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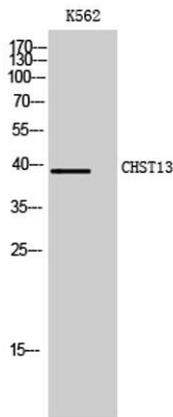
Overview

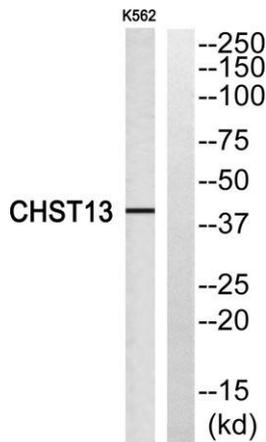|	
Product Name	CHST13 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CHST13. AA range:211-260
Specificity	CHST13 Polyclonal Antibody detects endogenous levels of CHST13 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Carbohydrate sulfotransferase 13
Gene Name	CHST13
Cellular localization	Golgi apparatus membrane ; Single-pass type II membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	39kD
Human Gene ID	166012
Human Swiss-Prot Number	Q8NET6
Alternative Names	CHST13; Carbohydrate sulfotransferase 13; Chondroitin 4-O-sulfotransferase 3; Chondroitin 4-sulfotransferase 3; C4ST-3; C4ST3
Background	The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to

the C4 hydroxyl of beta-1,4-linked N-acetylgalactosamine (GalNAc) flanked by glucuronic acid residue in chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. [provided by RefSeq, Aug 2011],

K562

170—
130—
100—
70—
55—
40— **CHST13**
35—
25—

15—

Western Blot analysis of K562 cells using CHST13 Polyclonal Antibody

K562

--250
--150
--100

--75

--50

CHST13 —   --37

--25
--20

--15
(kd)

Western blot analysis of CHST13 Antibody. The lane on the right is blocked with the CHST13 peptide.

Immunohistochemistryt analysis of paraffin-embedded human testis, using   CHST13 Antibody. The lane on the right is blocked with the CHST13 peptide.