

Anti-CHST9 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11871**Specification**

Anti-CHST9 Antibody - Product Information

Application	IHC, IF, WB
Primary Accession	O7L1S5
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52055

Anti-CHST9 Antibody - Additional Information**Gene ID** 83539

Positive Control	WB: A549, HepG2 cell lysate; IHC: human testis tissue; IFC: HepG2 cells
Application & Usage	WB; 1:500 - 1:2000, IHC; 1:50 - 1:200, IF/IC; 1:50 - 1:100
Alias Symbol	CHST9
Other Names	
Carbohydrate sulfotransferase 9, GalNAc-4-O-sulfotransferase 2, GalNAc-4-ST2, GalNAc4ST-2, N-acetylgalactosamine-4-O-sulfotransferase 2	

Appearance
Colorless liquid**Formulation**
In 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**
Anti-CHST9 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-CHST9 Antibody - Protein Information****Name** CHST9

Function

Catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. Participates in biosynthesis of glycoprotein hormones lutropin and thyrotropin, by mediating sulfation of their carbohydrate structures. Has a higher activity toward carbonic anhydrase VI than toward lutropin. Only active against terminal GalNAc β 1, GalNAc β 6. Isoform 2, but not isoform 1, is active toward chondroitin.

Cellular Location

[Isoform 1]: Golgi apparatus membrane; Single-pass type II membrane protein

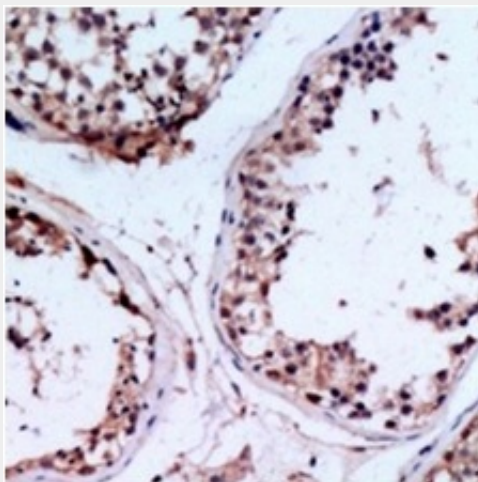
Tissue Location

Highly expressed in trachea. Also expressed in fetal lung, adult pancreas, testis and salivary gland. Expressed at low level in pituitary gland, apex of the heart, adult lung, prostate and mammary gland. Weakly or not expressed in heart, liver and spinal cord

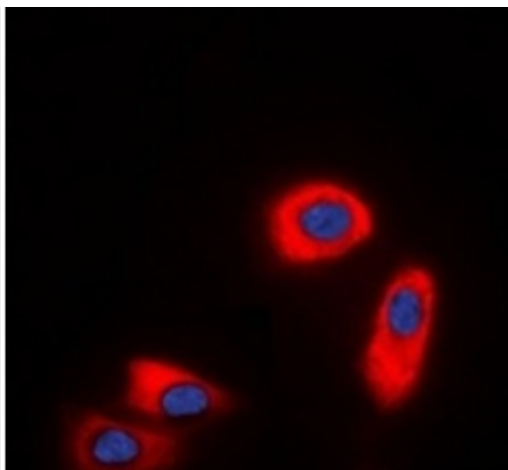
Anti-CHST9 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

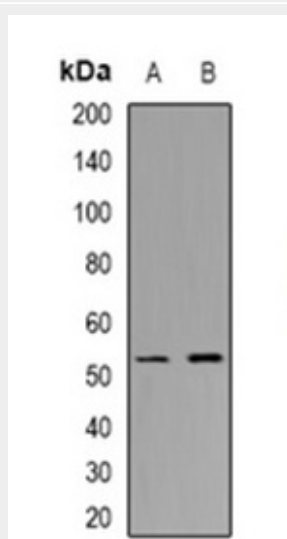
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CHST9 Antibody - Images

Immunohistochemical analysis of CHST9 staining in H.testis formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of CHST9 staining in HepG2 cells.



Western blot analysis of CHST9 expression in A549(A); HepG2(B) whole cell lysates.

Anti-CHST9 Antibody - Background

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