

Datasheet for ABIN951523

anti-CHST8 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	CHST8
Binding Specificity:	AA 226-255, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST8 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 226-255 amino acids from the Central region of human CHST8
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CHST8.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CHST8
Alternative Name:	CHST8 (CHST8 Products)

Target Details

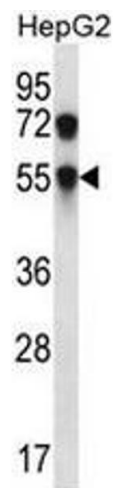
Background:	Sulfate groups in carbohydrates confer highly specific functions on glycoproteins, glycolipids, and proteoglycans and are critical for cell-cell interaction, signal transduction, and embryonic development. Sulfotransferases, such as CHST8, carry out sulfation of carbohydrates (Hiraoka et al., 2001 [PubMed 11445554]).Synonyms: Carbohydrate sulfotransferase 8, GalNAc-4-O-sulfotransferase 1, GalNAc-4-ST1, GalNAc4ST-1, N-acetylgalactosamine-4-O-sulfotransferase 1
Molecular Weight:	48834 Da
Gene ID:	64377
NCBI Accession:	NP_001121367

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. CHST8 Antibody (Center) western blot analysis in HepG2 cell line lysates (35µg/lane). This demonstrates the CHST8 antibody detected the CHST8 protein (arrow).