

Datasheet for ABIN5515899
anti-CHST8 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	CHST8
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N region of human CHST8
Sequence:	APQQVPGIKF NIRPRQPHHD LPPGGSQDGD LKEPTERVTR DLSSGAPRGR
Purification:	Affinity purified

Target Details

Target:	CHST8
Alternative Name:	CHST8 (CHST8 Products)
Background:	The protein encoded by this gene belongs to the sulfotransferase 2 family. It is predominantly expressed in the pituitary gland, and is localized to the golgi membrane. This protein catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. It is responsible for sulfation of GalNAc on luteinizing hormone (LH), which is required for production of the sex hormones. Mice lacking this enzyme,

Target Details

exhibit increased levels of circulating LH, and precocious sexual maturation of both male and female mice. Alternatively spliced transcript variants have been found for this gene.

Alias Symbols: PSS3, GalNAc4ST, GALNAC4ST1,

Protein Size: 424

Gene ID:	64377
NCBI Accession:	NM_001127895 , NP_001121367
UniProt:	Q9H2A9

Application Details

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

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 23 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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.