

# GalNAc4ST-1 Polyclonal Antibody

Cat No: HR1AP8278

For research use only

## Overview

Product Name	GalNAc4ST-1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	40kDa
GeneID?Human?	CHST8
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CHST8; Carbohydrate sulfotransferase 8; GalNAc-4-O-sulfotransferase 1; GalNAc-4-ST1; GalNAc4ST-1; N-acetylgalactosamine-4-O-sulfotransferase 1
Background	carbohydrate sulfotransferase 8(CHST8) Homo sapiens 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, 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. [provided by RefSeq, Aug 2011],