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Product datasheet for AP50911PU-N

CHST2 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	**ELISA**: 1/1000. **Western blot:** 1/100 - 1/500. **Flow Cytometry:** 1/10 - 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 312-339 amino acids from the Central region of human CHST2
Specificity:	This antibody reacts to CHST2.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57857 Da
Gene Name:	carbohydrate sulfotransferase 2
Database Link:	Entrez Gene 9435 Human Q9Y4C5

View online »

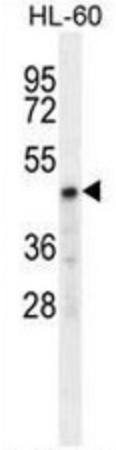
Background: N-acetylglucosamine-6-O-sulfotransferases, such as CHST2, catalyze the transfer of sulfate from 3-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS) to position 6 of a nonreducing N-acetylglucosamine (GlcNAc) residue (Uchimura et al., 1998 [PubMed 9722682]).

Synonyms: CHST-2, GN6ST, Carbohydrate sulfotransferase 2, N-acetylglucosamine 6-O-sulfotransferase 1, GlcNAc6ST-1, Gn6ST, GST-2

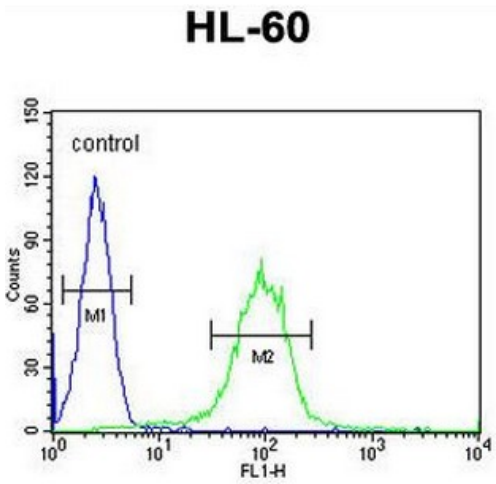
Protein Families: Transmembrane

Protein Pathways: Keratan sulfate biosynthesis, Metabolic pathways

Product images:



CHST2 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the CHST2 antibody detected the CHST2 protein (arrow).



CHST2 Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.