

CHSY3 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21377b

Specification

CHSY3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q70JA7
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	100284

CHSY3 Antibody (C-term) - Additional Information

Gene ID 337876

Other Names

Chondroitin sulfate synthase 3, Carbohydrate synthase 2, Chondroitin glucuronyltransferase 3, Chondroitin synthase 2, ChSy-2, Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II, N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase 3, N-acetylgalactosaminyltransferase 3, CHSY3, CHSY2, CSS3

Target/Specificity

This CHSY3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 751-785 amino acids from the C-terminal region of human CHSY3.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CHSY3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CHSY3 Antibody (C-term) - Protein Information

Name CHSY3

Synonyms CHSY2, CSS3

Function Has both beta-1,3-glucuronic acid and beta-1,4-N- acetylgalactosamine transferase activity. Transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP- GalNAc to the non-reducing end of the elongating chondroitin polymer. Specific activity is much reduced compared to CHSY1.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein

Tissue Location

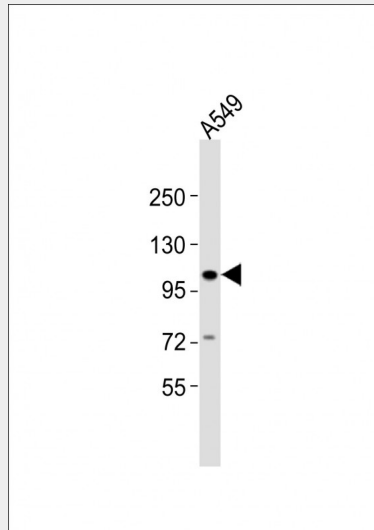
Detected at low levels in brain, cerebral cortex, uterus and small intestine.

CHSY3 Antibody (C-term) - Protocols

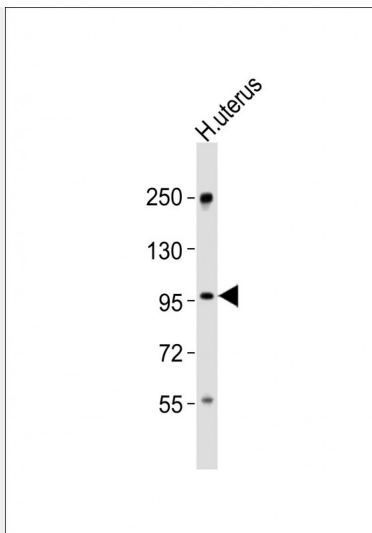
Provided below are standard protocols that you may find useful for product applications.

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

CHSY3 Antibody (C-term) - Images



Anti-CHSY3 Antibody (C-term) at 1:2000 dilution + A549 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 100 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



Anti-CHSY3 Antibody (C-term) at 1:1000 dilution + human uterus lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 100 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

CHSY3 Antibody (C-term) - Background

Has both beta-1,3-glucuronic acid and beta-1,4-N-acetylgalactosamine transferase activity. Transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer. Specific activity is much reduced compared to CHSY1.

CHSY3 Antibody (C-term) - References

Yada T., et al. *J. Biol. Chem.* 278:39711-39725(2003).
Kamakari S., et al. Submitted (FEB-2004) to the EMBL/GenBank/DDBJ databases.