

**Anti-CHSY3 Antibody**  
**Rabbit polyclonal antibody to CHSY3**  
**Catalog # AP61329****Specification**

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**Anti-CHSY3 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O70JA7</a>
Other Accession	<a href="#">O5DTK1</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>100284</b>

**Anti-CHSY3 Antibody - Additional Information****Gene ID** 337876**Other Names**

CHSY2; CSS3; 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

**Target/Specificity**

Recognizes endogenous levels of CHSY3 protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-CHSY3 Antibody - 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**

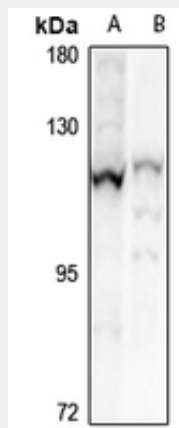
Detected at low levels in brain, cerebral cortex, uterus and small intestine.

### **Anti-CHSY3 Antibody - 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](#)

### **Anti-CHSY3 Antibody - Images**



Western blot analysis of CHSY3 expression in Hela (A), mouse brain (B) whole cell lysates.

### **Anti-CHSY3 Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CHSY3. The exact sequence is proprietary.