

# Anti-CHSY3 Antibody

Rabbit polyclonal antibody to CHSY3

Catalog # AP61329

## Product Information

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Application	WB
Primary Accession	<a href="#">Q70JA7</a>
Other Accession	<a href="#">Q5DTK1</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	100284

## Additional Information

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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

## Protein Information

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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.

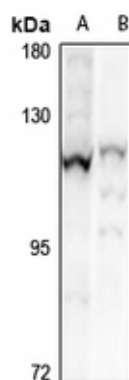
**Background**

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

**Images**

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.