

# CHSY3 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21080a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q70JA7</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB51742
<b>Calculated MW</b>	100284

## Additional Information

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<b>Gene ID</b>	337876
<b>Other Names</b>	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
<b>Target/Specificity</b>	This CHSY3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 295-329 amino acids from the Central region of human CHSY3.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	CHSY3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	CHSY3
<b>Synonyms</b>	CHSY2, CSS3

<b>Function</b>	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.
<b>Cellular Location</b>	Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein
<b>Tissue Location</b>	Detected at low levels in brain, cerebral cortex, uterus and small intestine.

## Background

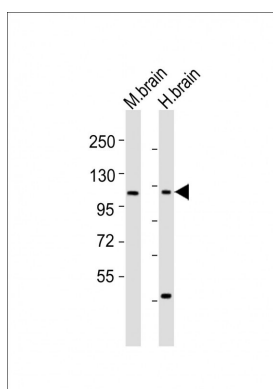
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## References

Yada T.,et al.J. Biol. Chem. 278:39711-39725(2003).

Kamakari S.,et al.Submitted (FEB-2004) to the EMBL/GenBank/DDBJ databases.

## Images



All lanes : Anti-CHSY3 Antibody (Center) at 1:1000-1:2000 dilution Lane 1: mouse brain lysates Lane 2: human brain 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.

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