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Datasheet for ABIN7147646  
**anti-CHSY1 antibody (AA 32-148) (Biotin)**

### Overview

Quantity:	100 µg
Target:	CHSY1
Binding Specificity:	AA 32-148
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHSY1 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Chondroitin sulfate synthase 1 protein (32-148AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	CHSY1
Alternative Name:	CHSY1 ( <a href="#">CHSY1 Products</a> )
Background:	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

## Target Details

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(GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer. Involved in the negative control of osteogenesis likely through the modulation of NOTCH signaling.

Aliases: Carbohydrate synthase 1 antibody, Chondroitin glucuronyltransferase 1 antibody, Chondroitin glucuronyltransferase II antibody, Chondroitin sulfate synthase 1 antibody, Chondroitin synthase 1 antibody, CHSS1\_HUMAN antibody, CHSY antibody, ChSy-1 antibody, Chsy1 antibody, CSS1 antibody, Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase 1 antibody, N acetylgalactosaminyltransferase II antibody, N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase 1 antibody, N-acetylgalactosaminyltransferase 1 antibody, TPBS antibody

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UniProt: [Q86X52](#)

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Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.