

Datasheet for ABIN7147645
anti-CHSY1 antibody (AA 32-148)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CHSY1
Binding Specificity:	AA 32-148
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHSY1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

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 (CHSY1 Products)
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

(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

UniProt: [Q86X52](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

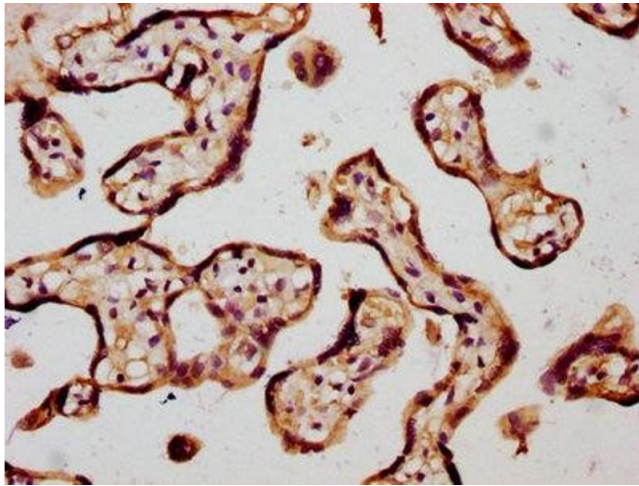
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

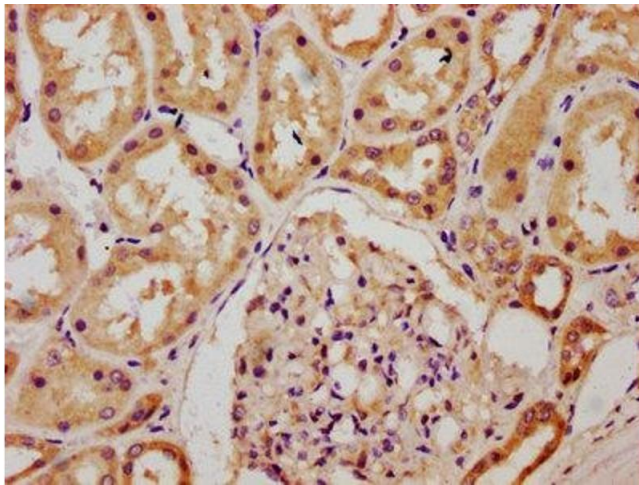
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7147645 diluted at 1:300 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry

Image 2. IHC image of ABIN7147645 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.