CHSY3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHSY3, Polyclonal Antibody
Full Product Name	CHSY3, ID (CHSY3, CHSY2, CSS3, Chondroitin sulfate synthase 3, Carbohydrate synthase 2, Chondroitin glucuronyltransferase 3, Chondroitin synthase 2, Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II, N-acetylgala
Product Gene Name	anti-CHSY3 antibody
Product Synonym Names	CHSY3; CHSY2; CSS3; Chondroitin sulfate synthase 3; Carbohydrate synthase 2; Chondroitin glucuronyltransferase 3; Chondroitin synthase 2; Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II; N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase 3; N-acetylgalactosaminyltransferase 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	100,284 Da
OMIM	609963
3D Structure	ModBase 3D Structure for Q70JA7
Immunogen	CHSY3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 531-560 amino acids from the Central region of human CHSY3.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-CHSY3 antibody	Antibodies; Enzymes; Glucuronosyltransferase
Applications Tested/Suitable for anti-CHSY3 antibody	Western Blot (WB), FLISA
Application Notes for anti-CHSY3 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CHSY3 antibody	CSS3 is a glycosyltransferase that has both glucuronyltransferase and N-acetylgalactosaminyltransferase activities (Yada et al., 2003 [PubMed 12907687]).[supplied by OMIM].
Product References and Citations for anti-CHSY3 antibody	Izumikawa, T., et al. Biochem. J. 403(3):545-552(2007). Olsen, J.V., et al. Cell 127(3):635-648(2006). Olsen, J.V., et al. Cell 127(3):635-648(2006). Yada, T., et al. J. Biol. Chem. 278(41):39711-39725(2003).

Other Notes	Small volumes of anti-CHSY3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CHSY3 purchase	MBS6286026 is an antibody targeting CHSY3. Also known as CHSY3, ID (CHSY3, CHSY2, CSS3, Chondroitin sulfate synthase 3, Carbohydrate synthase 2, Chondroitin glucuronyltransferase 3, Chondroitin synthase 2, Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II, N-acetylgala. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHSY3. It may not necessarily be applicable to this product.

NCBI GI #	74271903
NCBI GeneID	337876
NCBI Accession #	NP_787052.3
UniProt Primary Accession #	Q70JA7
UniProt Secondary Accession #	Q76L22; Q86Y52; B2RP97
UniProt Related Accession #	Q70JA7
GenBank Nucleotide #	NM_175856.4
NCBI Official Full Name	chondroitin sulfate synthase 3
NCBI Official Synonym Full Names	chondroitin sulfate synthase 3
NCBI Official Symbol	CHSY3
NCBI Official Synonym Symbols	CSS3; CHSY2
UniProt Protein Name	Chondroitin sulfate synthase 3
UniProt Synonym Protein Names	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
Protein Family	Chondroitin sulfate synthase
UniProt Gene Name	CHSY3
UniProt Synonym Gene Names	CHSY2; CSS3; ChSy-2
UniProt Entry Name	CHSS3_HUMAN
NCBI Protein Information	chondroitin sulfate synthase 3; chSy-2; chondroitin synthase 2; chondroitin synthase-2; carbohydrate synthase 2; N-acetylgalactosaminyltransferase 3; chondroitin glucuronyltransferase 3; N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase 3
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