

ARG55088 anti-CHST12 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CHST12
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CHST12
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 72-106 (N-terminus) of Human CHST12.
Conjugation	Un-conjugated
Alternate Names	Chondroitin 4-O-sulfotransferase 2; Sulfotransferase Hlo; EC 2.8.2.5; C4S-2; Chondroitin 4-sulfotransferase 2; C4ST-2; Carbohydrate sulfotransferase 12; C4ST2

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human spleen	

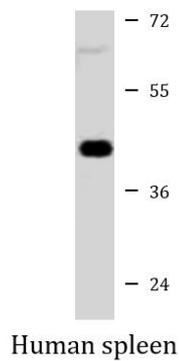
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 55501 Human Swiss-port # Q9NRB3 Human
Gene Symbol	CHST12
Gene Full Name	carbohydrate (chondroitin 4) sulfotransferase 12
Background	The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin and desulfated dermatan sulfate. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage, and is distributed on the surfaces of many cells and extracellular matrices. Alternatively spliced transcript variants differing only in their 5' UTRs have been found for this gene. [provided by RefSeq, Aug 2011]
Function	Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin and desulfated dermatan sulfate. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Activity toward partially desulfated dermatan sulfate is however lower. Does not form 4, 6-di-O-sulfated GalNAc when chondroitin sulfate C is used as an acceptor. [UniProt]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	48 kDa
Cellular Localization	Golgi apparatus membrane; Single-pass type II membrane protein

Images



ARG55088 anti-CHST12 antibody WB image

Western blot: 20 µg of Human spleen tissue lysate stained with ARG55088 anti-CHST12 antibody at 1:1000 dilution.