

CSGlcA-T Polyclonal Antibody

Catalog # AP69313

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9P2E5
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85948

Additional Information

Gene ID	54480
Other Names	CHPF2; CHSY3; CSGLCAT; KIAA1402; Chondroitin sulfate glucuronyltransferase; CSGlcA-T; Chondroitin glucuronyltransferase; Chondroitin polymerizing factor 2; ChPF-2; Chondroitin synthase 3; ChSy-3; N-acetylgalactosaminyI-proteoglycan 3-beta-g
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

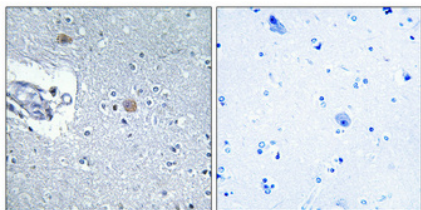
Protein Information

Name	CHPF2
Synonyms	CHSY3, CSGLCAT, KIAA1402
Function	Non-catalytic component of CHSY1-CHPF2 and CHSY3-CHPF2 chondroitin sulfate synthase complexes. CHPF2 associates with catalytically active chondroitin synthases (CHSY1/3) within heterodimeric complexes. Plays an essential role for the formation of a stable and functional chondroitin sulfate polymerase complexes.
Cellular Location	Golgi apparatus membrane; Single-pass type II membrane protein
Tissue Location	Ubiquitous. Highly expressed in placenta, small intestine and pancreas.

Background

Transfers glucuronic acid (GlcUA) from UDP-GlcUA to N- acetylgalactosamine residues on the non-reducing end of the elongating chondroitin polymer. Has no N- acetylgalactosaminyltransferase activity.

Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

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