

**Product Name: CSGlcA-T Rabbit Polyclonal Antibody****Catalog #: AP Rab09450**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
<b>Molecular Weight</b>	86kDa

**Antigen Information**

<b>Gene Name</b>	CHPF2 CHPF2; CHSY3; CSGLCAT; KIAA1402; Chondroitin sulfate glucuronyltransferase; CSGlcA-T;
<b>Alternative Names</b>	Chondroitin glucuronyltransferase; Chondroitin polymerizing factor 2; ChPF-2; Chondroitin synthase 3; ChSy-3; N-acetylgalactosaminyl-proteoglycan 3-beta-g
<b>Gene ID</b>	54480.0
<b>SwissProt ID</b>	Q9P2E5
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CSGLCAT. AA range:31-80

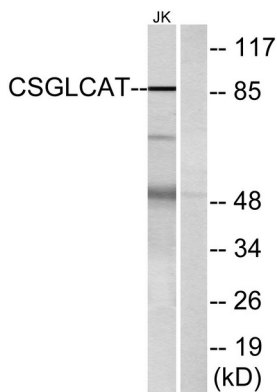
## Background

CHPF2 (Chondroitin Polymerizing Factor 2) is a Protein Coding gene. Among its related pathways are Defective B3GAT3 causes JDSSDHD and Metabolism. GO annotations related to this gene include transferase activity, transferring glycosyl groups and N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase activity. An important paralog of this gene is B4GALNT4.

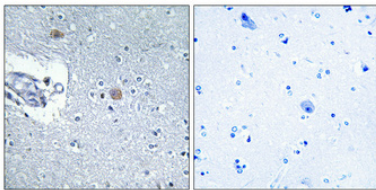
## Research Area

Chondroitin sulfate biosynthesis;

## Image Data



Western blot analysis of lysates from Jurkat cells, using CSGLCAT Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.