



CSGlcA-T Polyclonal Antibody

Catalog No	YP-Ab-02555
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CHPF2
Immunogen	The antiserum was produced against synthesized peptide derived from human CSGLCAT. AA range:31-80
Specificity	CSGlcA-T Polyclonal Antibody detects endogenous levels of CSGlcA-T protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CSGlcA-T;CHPF2;Chondroitin sulfate glucuronyltransferase;CHSY3;CSGLCAT; KIAA1402;Chondroitin glucuronyltransferase;Chondroitin polymerizing factor 2; ChPF-2;Chondroitin synthase 3;ChSy-3;N-acetylgalactosaminyI-proteoglycan 3-beta-g
Observed Band	86kD
Calculated Molecular Weight	86kD
Cell Pathway	Golgi apparatus, Golgi stack membrane ; Single-pass type II membrane protein .
Tissue Specificity	Ubiquitous. Highly expressed in placenta, small intestine and pancreas.
Function	
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-acetylgalactosaminyI-proteoglycan 3-beta-glucuronosyltransferase activity. An important paralog of this gene is B4GALNT4.



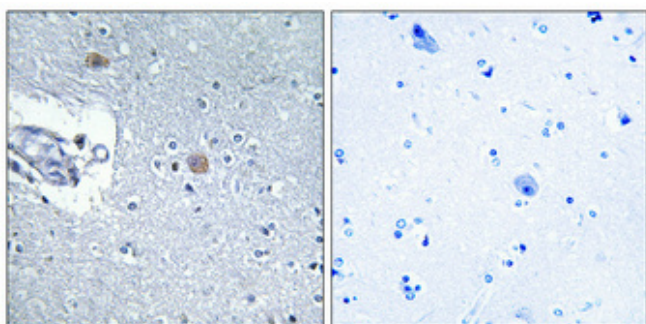
matters needing attention

Avoid repeated freezing and thawing!

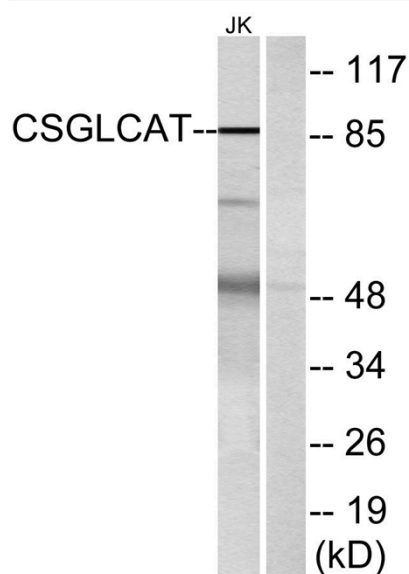
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products 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.



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