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GLCE Polyclonal Antibody

(Catalog # A55279)

Background
Converts D-glucuronic acid residues adjacent to N-sulfate sugar residues to L-iduronic acid residues, both in maturing heparan sulfate (HS) and heparin chains. This is important for further modifications that determine the specificity of interactions between these glycosaminoglycans and proteins.

Description
GLCE Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
Liquid. 0.03% Proclin 300, 50% Glycerol, 0.01M PBS, PH 7.4.

Specificity
Human, Mouse, Rat

Isotype
IgG

Uniprot ID
O94923

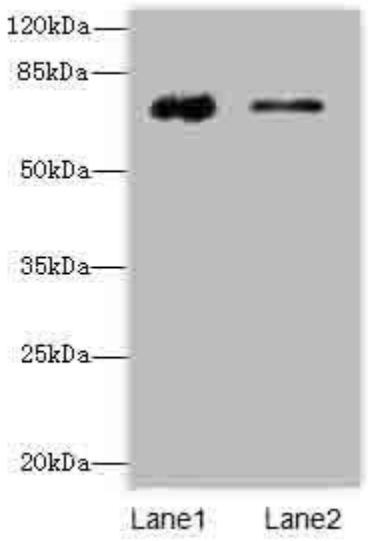
Purification
>95%, Protein G purified

Immunogen
Recombinant Human D-glucuronyl C5-epimerase protein (29-617AA)

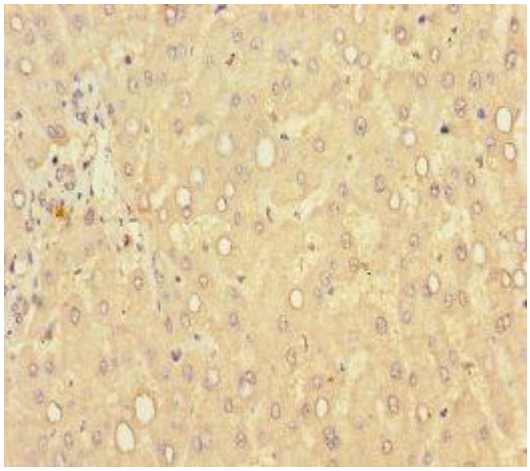
Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C (short-term) or -80°C (long-term). Avoid repeated freeze.

Alternative Names
Heparan sulfate C5-epimerase, Hsepi, Heparin/heparan sulfate:glucuronic acid C5-epimerase, Heparosan-N-sulfate-glucuronate 5-epimerase, GLCE, KIAA0836

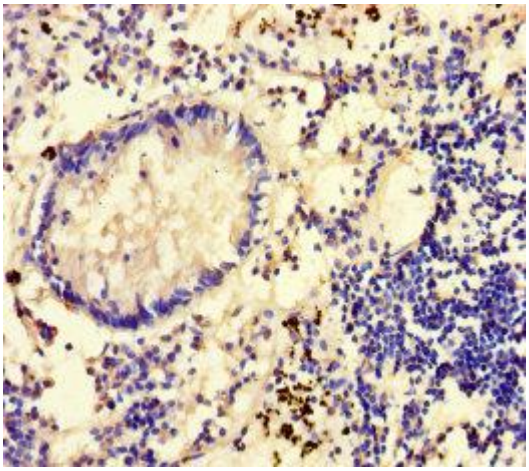
Application
ELISA, WB, IHC; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200



Western blot
All lanes: GLCE Polyclonal Antibody at 12ug/ml
Lane 1: Rat liver tissue
Lane 2: Mouse kidney tissue
Secondary
Goat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 70 kDa
Observed band size: 70 kDa



Immunohistochemistry of paraffin-embedded human liver tissue at dilution of 1:100



Immunohistochemistry of paraffin-embedded human appendix tissue at dilution of 1:100