B4GAT1 Antibody

PACO25188

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200

Protein Background:

Beta-1,4-glucuronyltransferase involved in O-mannosylation of alpha-dystroglycan (DAG1). Transfers a glucuronic acid, (GlcA) residue onto a xylose (Xyl) acceptor to produce the glucuronyl-beta-1,4-xylose-beta disaccharide primer, which is further elongated by LARGE, during synthesis of phosphorylated O-mannosyl glycan. Phosphorylated O-mannosyl glycan is a carbohydrate is a carbohydrate structure present in alpha-dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity. Required for axon guidance; via its function in O-mannosylation of alpha-dystroglycan (DAG1).

Gene ID:

B4GAT1

Uniprot

O43505

Synonyms:

Beta-1,4-glucuronyltransferase 1 (EC 2.4.1. -) (I-beta-1,3-N-acetylglucosaminyltransferase) (iGnT) (N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase) (Poly-N-acetyllactosamine extension enzyme) (UDP-GlcNAc: betaGal beta-1,3-N-acetylglucosaminyltransferase 1), B4GAT1, B3GNT1 B3GNT6

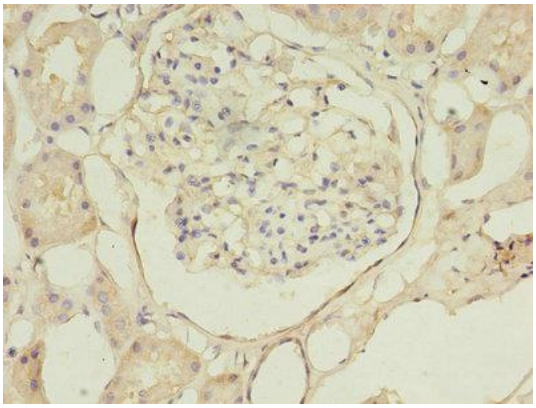
Immunogen:

Recombinant Human Beta-1,4-glucuronyltransferase 1 protein (161-415AA).

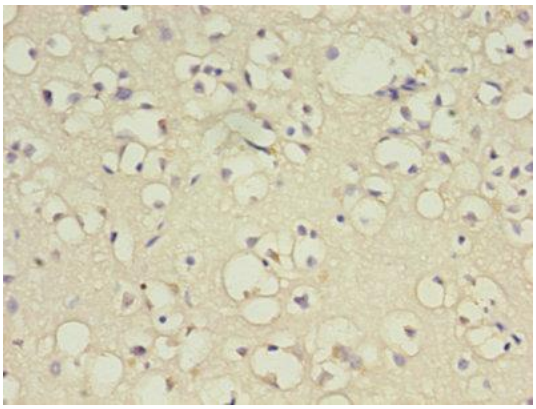
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO25188 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human brain tissue using PACO25188 at dilution of 1:100.

