

POGLUT1 Antibody, Biotin conjugated



PACO63974

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Dual specificity glycosyltransferase that catalyzes the transfer of glucose and xylose from UDP-glucose and UDP-xylose, respectively, to a serine residue found in the consensus sequence of C-X-S-X-P-C. Specifically targets extracellular EGF repeats of protein such as CRB2, F7, F9 and NOTCH2. Acts as a positive regulator of Notch signaling by mediating O-glycosylation of Notch, leading to regulate muscle development. Notch glycosylation does not affect Notch ligand binding. Required during early development to promote gastrulation: acts by mediating O-glycosylation of CRB2, which is required for CRB2 localization to the cell membrane.

Gene ID:

POGLUT1

Uniprot

Q8NBL1

Synonyms:

Protein O-glycosyltransferase 1 (EC 2.4.1) (CAP10-like 46 kDa protein) (hCLP46) (KTEL motif-containing protein 1) (Myelodysplastic syndromes relative protein) (O-glycosyltransferase Rumi homolog) (hRumi) (Protein O-xylosyltransferase POGLUT1) (EC 2.4.2.26), POGLUT1, C3orf9 CLP46 KTELC1 MDSRP

Immunogen:

Recombinant Human Protein O-glycosyltransferase 1 protein (132-392AA).

Storage:

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

Product Images

N/A

N/A