

Supplementary Figure

Distribution and ultrastructural localization of the glucagon like peptide-1 receptor (GLP-1R) in the rat brain

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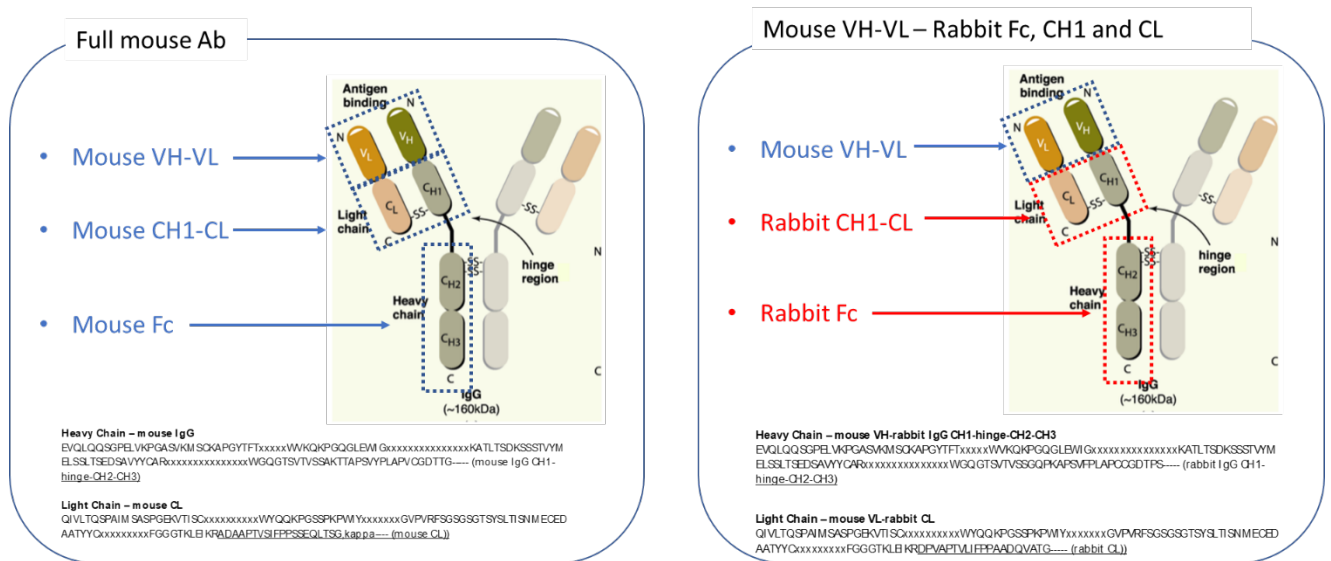
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Rabbitization of the monoclonal anti-GLP-1R antibody



Supplementary Figure 1. Grafting of mouse VH-VL (variable domains of heavy and light chain) sequences raised against GLP-1R onto rabbit CH1-CL

In order to avoid the background signal caused by the presence of endogenous mouse IgG in tissues, the variable domains of mouse monoclonal anti-GLP-1R antibody clone 7F38A2 were grafted onto rabbit IgG constant domains. The procedure were performed in a similar way as desribed by Bhatti et al. (Bhatti et al. 2019). In short, the variable mouse sequences from mouse monoclonal anti-GLP-1R antibody clone 7F38A2 were cloned into rabbit IgG1 heavy chain and rabbit lambda light chain vectors and expressed transiently in HEK 293 cells before Protein A purification.

Reference

Bhatti MM, Cai AG, Theunissen JW (2019) Binding affinities of human IgG1 and chimerized pig and rabbit derivatives to human, pig and rabbit Fc gamma receptor IIIA. PloS one 14 (7):e0219999. doi:10.1371/journal.pone.0219999