

hGIPR(SD)

Gene Summary

Model Description

The endogenous rat Gipr gene was replaced by human GIPR gene.

*Literature published using this strain should indicate: hGIPR(SD) rats (Cat. NO. NR-HU-225067) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

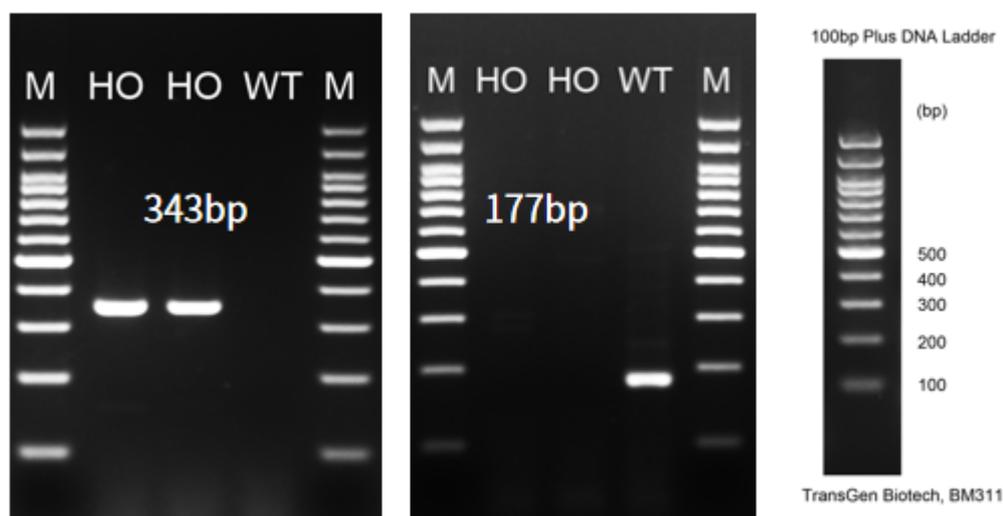


Fig.1 Detection of GIPR expression in brain by RT-PCR.

Wild type: only one band at 177 bp with primers F1/R1(mGipr);

Homozygous: only one band at 343 bp with primers F2/R2(hGIPR).

Abbr. M, DNA marker; HO, homozygous; WT, wild type.

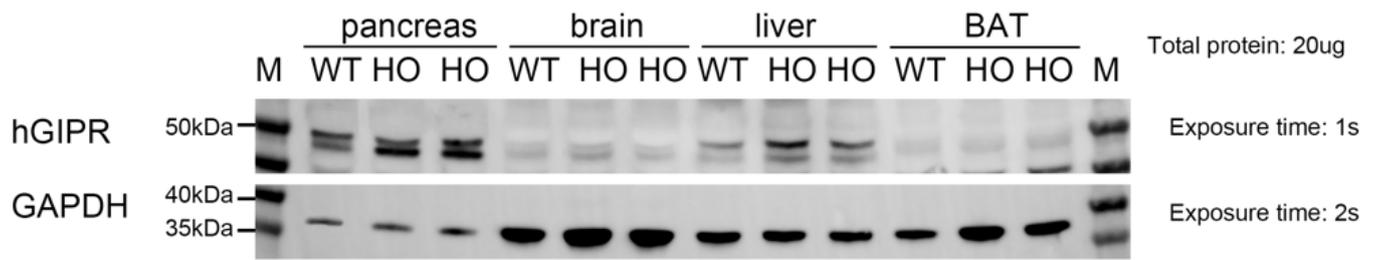


Fig. 2 Detection of human GIPR expression in hGIPR (SD) rats by WB.

Abbr. M, marker; HO, homozygous; WT, wild type; BAT, brown adipose tissue.

Note. The anti-human GIPR Antibody cross-reacted with rat GIPR and humanized GIPR.