

A

B

Western blot analysis showing the expression of GAD65 (α-GAD) and GBD in HELLIS and PACT2 cell lines. The blots are probed with anti-GAD65 and anti-GBD antibodies. Molecular weight markers are indicated on the right (250kD, 150kD, 100kD, 75kD, 50kD). The lanes are labeled: HELLS FL/PRDM9 FL, HELLS 1-408/PRDM9 FL, HELLS 193-569/PRDM9 FL, HELLS 402-821/PRDM9 FL, HELLS 1-569/PRDM9 FL, REC114/MEI4, and PACT2/PRDM9 FL. The α-GAD blot shows a strong band at ~75kD in the HELLS 1-569/PRDM9 FL lane. The α-GBD blot shows a strong band at ~75kD in the PACT2/PRDM9 FL lane. The α-tubulin blot shows a strong band at ~50kD in the HELLS 1-569/PRDM9 FL lane.