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GLIS1 (N) Antibody, Rabbit Polyclonal

Cat#: R2595-1

Quantity: 100 ul

Predicted I Observed M.W.: 66 I 100 kDa

Lot#: Refer to vial

Application: WB, IP

Uniprot ID: Q8NBF1

Background:

GLIS1 is a GLI-related Kruppel-like zinc finger protein that functions as an activator and repressor of transcription. It has been shown that Glis1 effectively promotes the direct reprogramming of somatic cells during iPSC generation by promoting multiple pro-reprogramming pathways, including Myc, Nanog, Lin28, Wnt, Essrb and the mesenchymal-epithelial transition [Maekawa M. et al., Nature (2011) 474:225-9].

Other Names:

GLI-similar 1, FLJ36155

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human GLIS1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)
IP: 1:100-1:200

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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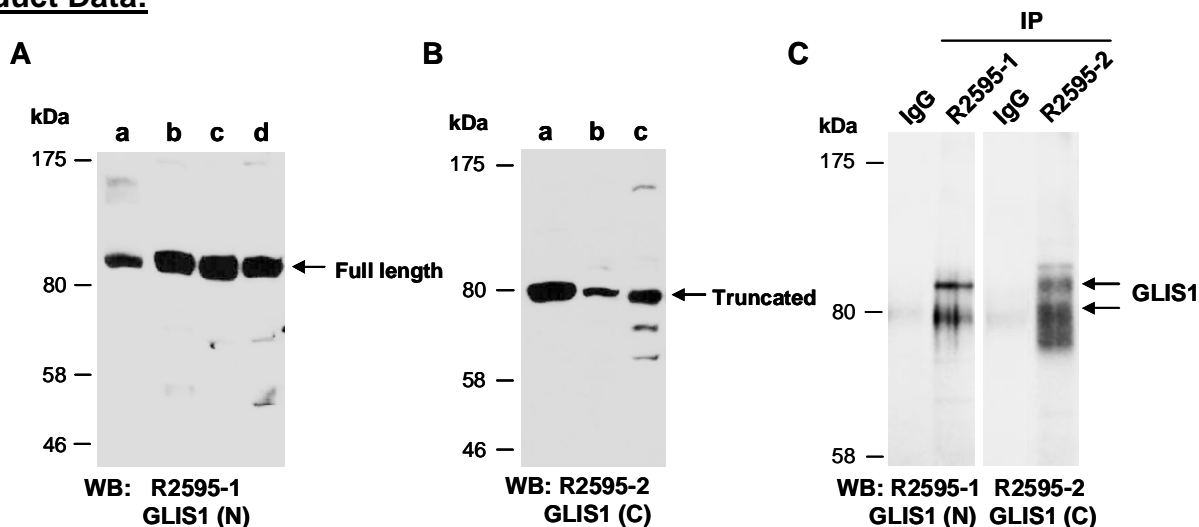Web: www.Abiocode.com

Product Data:

Fig 1. (A) Western blot of total cell extracts from a. mouse brain, b. mouse thymus, c. human HeLa, d. human Jurkat; using anti-GLIS1 (N) (R2595-1) at RT for 2 h. This Ab recognizes the full length 100 kD GLIS1. *(B)* Western blot of total cell extracts from a. mouse brain, b. mouse thymus, c. human HeLa; using anti-GLIS1 (C) (R2595-2) at RT for 2 h. This Ab recognizes the truncated 80 kD GLIS1 [Nakanishi G. et al., J. Invest Dermatol (2006) 126:49-60]. *(C)* Total extracts from human HeLa were immunoprecipitated (IP) with IgG or 2 independent Abs against GLIS1, followed by WB with the indicated Abs at RT for 2 h. Under IP conditions, both Abs can IP the full length and the truncated GLIS1.

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