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SNAI1 (N) Antibody, Rabbit Polyclonal

Cat#: R2985-1

Quantity: 100 ul

Predicted | Observed M.W.: 29 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O95863

Background:

Zinc finger protein SNAI1 belongs to the snail C2H2-type zinc-finger protein family. SNAI1 is involved in induction of the epithelial to mesenchymal transition (EMT), formation and maintenance of embryonic mesoderm, growth arrest, survival and cell migration. SNAI1 binds to 3 E-boxes of the E-cadherin/CDH1 gene promoter and to the promoters of CLDN7 and KRT8 and, in association with histone demethylase KDM1A which it recruits to the promoters, causes a decrease in dimethylated H3K4 levels and represses transcription.

Other Names:

Zinc finger protein SNAI1, SNAH, Protein snail homolog 1, Protein sna

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human SNAI1. 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% NaN₃. 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*)

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

Product Data:

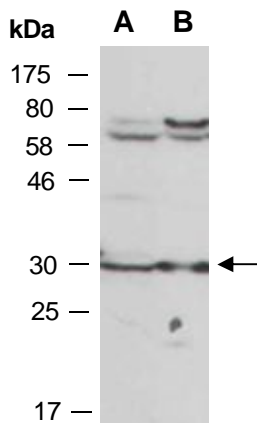


Fig 1. Western blot of total cell extracts from A) mouse thymus, B) human HeLa; using anti-SNAI1 (N) (R2985-1) at RT for 2 h.