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ID3 (M) Antibody, Rabbit Polyclonal

Cat#: R0788-2

Quantity: 100 ul

Predicted | Observed M.W.: 13 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q02535

Background:

ID3 is an ID (inhibitor of DNA binding) HLH protein, which lacks a basic DNA-binding domain but is able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. It is involved in myogenesis by inhibiting skeletal muscle and cardiac myocyte differentiation and promoting muscle precursor cells proliferation. ID3 inhibits the binding of E2A-containing protein complexes to muscle creatine kinase E-box enhancer. It may inhibit other transcription factors.

Other Names:

DNA-binding protein inhibitor ID-3, Class B basic helix-loop-helix protein 25, bHLHb25, Helix-loop-helix protein HEIR-1, ID-like protein inhibitor HLH 1R21, Inhibitor of DNA binding 3, 1R21, BHLHB25, HEIR1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing middle region of human ID3. 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:

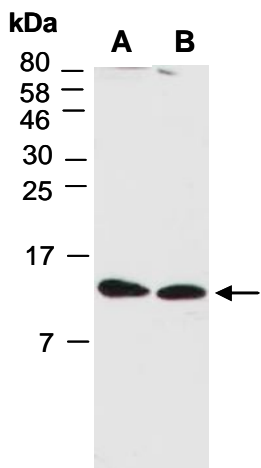


Fig 1. Western blot of total cell extracts from A) mouse thymus, B) human Jurkat; using anti-ID3 (M) (R0788-2) at RT for 2 h.