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PAIP2 (C) Antibody, Rabbit Polyclonal

Cat#: R2312-2

Quantity: 100 ul

Predicted | Observed M.W.: 15 | 22 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9BPZ3

Background:

Polyadenylate-binding protein-interacting protein 2 (PAIP2) acts as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. Its inhibitory activity on translation is mediated via its action on PABPC1. PAIP2 displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. Its association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.

Other Names:

Polyadenylate-binding protein-interacting protein 2, PABP-interacting protein 2, PAIP-2, Poly(A)-binding protein-interacting protein 2, PAIP2A, HSPC218

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human PAIP2. 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:

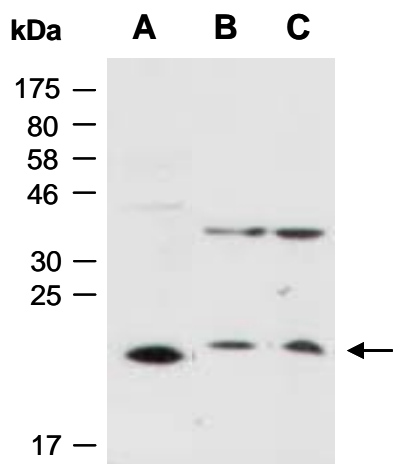


Fig 1. Western blot of total cell extracts from A) mouse thymus; B) human HeLa; C) human Jurkat; using anti-PAIP2 (C) (R2312-2) at RT for 2 h.