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XRN2 (C) Antibody, Rabbit Polyclonal

Cat#: R3215-2

Quantity: 100 ul

Predicted | Observed M.W.: 109 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9H0D6

Background:

XRN2 possesses 5'→3' exoribonuclease activity and it may promote the termination of transcription by RNA polymerase II. During transcription termination, cleavage at the polyadenylation site liberates a 5' fragment which is subsequently processed to form the mature mRNA and a 3' fragment which remains attached to the elongating polymerase. The processive degradation of this 3' fragment by XRN2 may promote termination of transcription. XRN2 binds to RNA polymerase II (RNAP II) transcription termination R-loops formed by G-rich pause sites.

Other Names:

5'-3' exoribonuclease 2, DHM1-like protein, DHP protein

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human XRN2. 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: 1:500-1:2,000 (detect endogenous protein*)

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

Product Data:

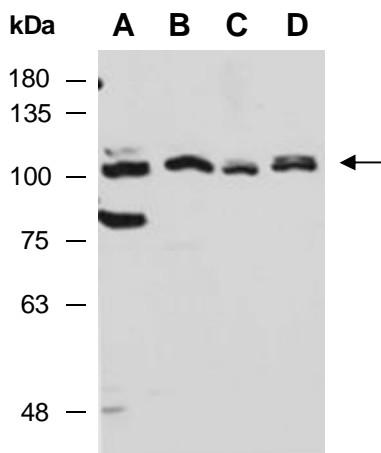


Fig 1. Western blot of total cell extracts from A) mouse brain; B) mouse thymus; C) human HeLa; D) human Jurkat, using anti-XRN2 (C) (R3215-2) at RT for 2 h.