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(818)-707-0392 (Fax)
order@abiocode.com
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ELL (C) Antibody, Rabbit Polyclonal

Cat#: R2708-2

Quantity: 100 ul

Predicted | Observed M.W.: 68 | 80 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P55199

Background:

Eleven-nineteen lysine-rich leukemia protein (ELL) is an elongation factor component of the super elongation complex (SEC), a complex required to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA. ELL also plays an early role before its assembly into in the SEC complex by stabilizing RNA polymerase II recruitment/initiation and entry into the pause site. ELL is required to stabilize the pre-initiation complex and early elongation.

Other Names:

RNA polymerase II elongation factor ELL, Eleven-nineteen lysine-rich leukemia protein, C19orf17, ELL1, Men, PPP1R68

Source and Purity:

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

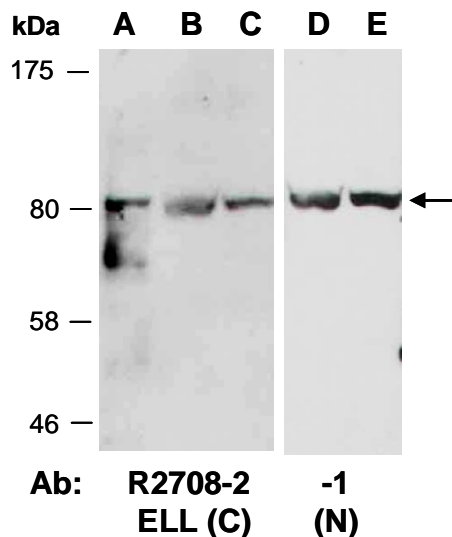


Fig 1. Western blot of total cell extracts from A) mouse thymus, B, D) human HeLa, C, E) human Jurkat; using 2 independent Abs against 2 distinct regions of human ELL at RT for 2 h.