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## **SYMPK (N) Antibody, Rabbit Polyclonal**

**Cat#: R1687-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 141 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q92797**

### **Background:**

Symplekin (SYMPK) is a peripheral membrane protein belonging to the Symplekin family. SYMPK is a scaffold protein that functions as a component of a multimolecular complex involved in histone mRNA 3'-end processing. SYMPK is a specific component of the tight junction (TJ) plaque, but might not be an exclusively junctional component. Additionally, SYMPK is involved in pre-mRNA polyadenylation and enhances SSU72 phosphatase activity as well.

### **Other Names:**

Symplekin, SPK

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human SYMPK. 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% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

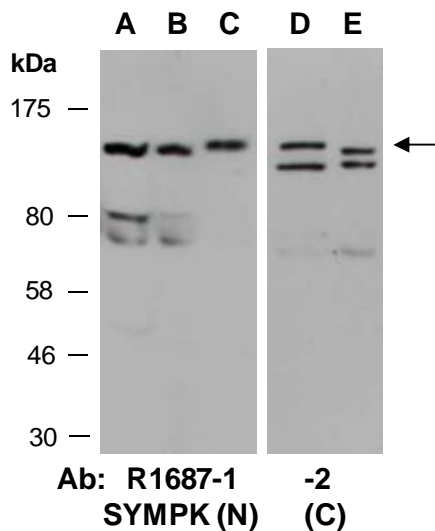
Human, Mouse

### **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, D) mouse thymus, B, E) human HeLa, C) human Jurkat; using 2 independent Abs against 2 distinct regions of human SYMPK at RT for 2 h.