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## **FANCI (C1) Antibody, Rabbit Polyclonal**

**Cat#: R0147-1**

**Quantity: 100 ul**

**Predicted M.W.: 149 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9NVI1**

### **Background:**

Fanconi anemia, complementation group I (FANCI) is required for maintenance of chromosomal stability. It plays a role in the repair of DNA double-strand breaks by homologous recombination and in the repair of DNA crosslinks. In response to DNA damage it is involved in the S phase and G2 phase checkpoints of the cell cycle. FANCI also promotes FANCD2 ubiquitination and recruitment to DNA repair sites. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage and defective DNA repair.

### **Other Names:**

FLJ10719, KIAA1794, Protein FANCI

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region (distinct from the C-terminal region for R0147-2) of human FANCI. 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:**

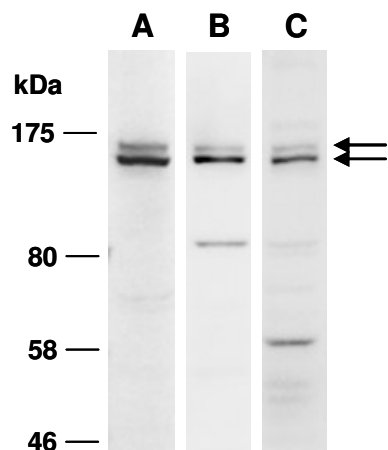
Human

### **Tested Applications:**

WB: 1:1,000-1:5,000 (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 human HeLa, using Ab (A) R0147-1; (B) R0147-2; or (C) R0147-3 at RT for 2 h.