



Order: (888)-282-5810 (Phone)  
(818)-707-0392 (Fax)  
[order@abiocode.com](mailto:order@abiocode.com)  
Web: [www.Abiocode.com](http://www.Abiocode.com)

---

## **CDKN2AIP (C2) Antibody, Rabbit Polyclonal**

**Cat#: R3011-3**

**Quantity: 100 ul**

**Predicted | Observed MW: 61 kDa**

**Lot#: Refer to vial**

**Application: WB, IP**

**Uniprot ID: Q9NXV6**

### **Background:**

CDKN2A-interacting protein (CDKN2AIP) is also known as Collaborator of ARF (CARF), which can activate ARF-dependent and -independent p53 functions. CDKN2AIP interacts not only with ARF but also with p53 and HDM2, and thereby executes a new feedback loop in p53 pathway. CDKN2AIP also regulates HDM2 by its transcriptional repressor function. It has been demonstrated that CDKN2AIP is vital for senescence of normal human fibroblasts. Whereas the overexpression of CDKN2AIP induces premature senescence, its suppression leads to genomic instability and apoptosis.

### **Other Names:**

CDKN2A-interacting protein, Collaborator of ARF, CARF

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human CDKN2AIP. 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

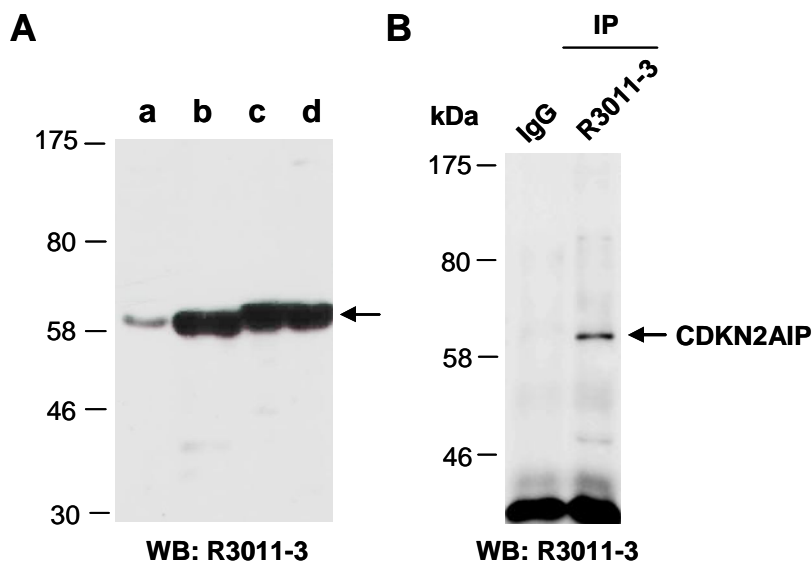
### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

IP: 1:100-1:200

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

**Product Data:**



**Fig 1. A)** Western blot of total cell extracts from a. mouse brain, b. mouse thymus, c. human HeLa, d. human Jurkat; using anti-CDKN2AIP (C2) (R3011-3) at RT for 2 h. **B)** Total extracts from human HeLa were immunoprecipitated with IgG or anti-CDKN2AIP (C2) (R3011-3); followed by WB with the same Ab and Rabbit IgG light chain-specific 2nd antibody.