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## **TICAM1 (N) Antibody, Rabbit Polyclonal**

**Cat#: R1956-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 76 | 100 kDa**

**Lot#: Refer to vial**

**Application: WB, IP**

**Uniprot ID: Q8IUC6**

### **Background:**

TIR domain-containing adapter molecule 1 (TICAM1) is involved in innate immunity against invading pathogens. TICAM1 is an adapter used by TLR3 and TLR4 (through TICAM2) to mediate NF-kappa-B and interferon-regulatory factor (IRF) activation, and to induce apoptosis. Ligand binding to these receptors results in TICAM1 recruitment through its TIR domain. Distinct protein-interaction motifs allow recruitment of the effector proteins TBK1, TRAF6 and RIPK1; which in turn, lead to the activation of transcription factors IRF3 and IRF7, NF-kappa-B and FADD, respectively. TICAM1 is ubiquitously expressed with higher levels observed in liver.

### **Other Names:**

TIR domain-containing adapter molecule 1, TICAM-1, Proline-rich, vinculin and TIR domain-containing protein B, Putative NF-kappa-B-activating protein 502H, Toll-interleukin-1 receptor domain-containing adapter protein inducing interferon beta, TIR domain-containing adapter protein inducing IFN-beta, PRVTIRB, TRIF, TRIP

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human TICAM1. 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

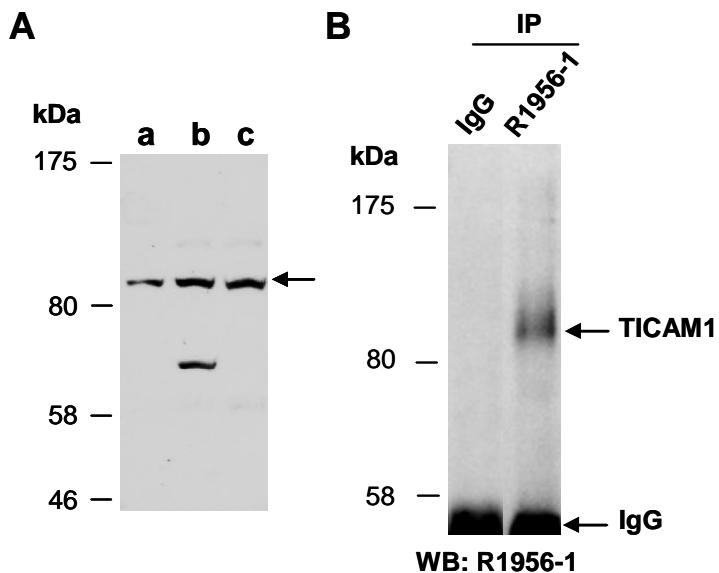
### **Tested Applications:**

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 (WB) of total cell extracts from a. mouse thymus, b. human HeLa, c. human Jurkat; using anti-TICAM1 (N) (R1956-1) at RT for 2 h. **(B)** IP-WB. Immunoprecipitation (IP) was performed with mouse thymus extracts with IgG or anti-TICAM1 (N) (R1956-1), followed by WB with the same Ab.