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## DEF6 (C2) Antibody, Rabbit Polyclonal

**Cat#: R0522-5**

**Quantity: 100 ul**

**Predicted | Observed MW: 73 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q8C2K1**

### **Background:**

Differentially expressed in FDCP 6 (DEF6) is also known as SWAP-70-like adapter of T-cells (SLAT), which is a phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF). DEF6 plays a role in the activation of Rho GTPases RAC1, RhoA and CDC42, and regulates cell morphology in cooperation with activated RAC1. DEF6 also plays a role in Th2 (T helper cells) development and/or activation by interfering with ZAP70 signaling. DEF6 is required for optimal T-cell effector function, lymphocyte homeostasis and the prevention of systemic autoimmunity. Defects in DEF6 results in spontaneous development of a lupus-like syndrome in aging female mice.

### **Other Names:**

Differentially expressed in FDCP 6, DEF-6, RF4-binding protein, SWAP-70-like adapter of T-cells, lbp, Slat

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of mouse DEF6. 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:**

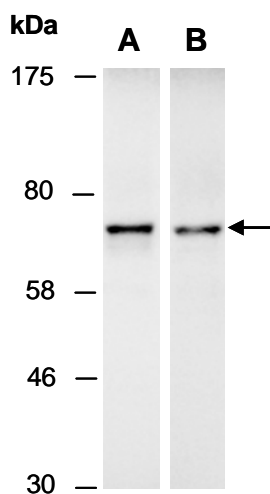
Mouse

### **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 mouse thymus, using 2 independent Abs against 2 distinct C-terminal regions of mouse DEF6 [A: R0522-4, DEF6 (C1); B: R0522-5, DEF6 (C2)] at RT for 2 h.