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## **DPPA3 (C3) Antibody, Rabbit Polyclonal**

**Cat#: R2945-4**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 18 | 21 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q8QZY3**

### **Background:**

Developmental pluripotency-associated protein 3 (DPPA3) is a primordial germ cell (PGCs)-specific protein involved in epigenetic chromatin reprogramming in the zygote following fertilization. In zygotes, DNA demethylation occurs selectively in the paternal pronucleus before the first cell division, while the adjacent maternal pronucleus and certain paternally-imprinted loci are protected from this process.

### **Other Names:**

Developmental pluripotency-associated protein 3, Compaction-associated protein 1, Primordial germ cell protein 7, Cap1p, Crg1, Pgc7

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of mouse DPPA3. 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:**

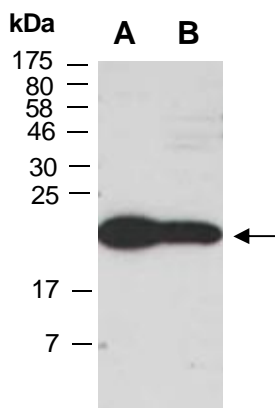
Mouse

### **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 A) mouse brain, B) mouse thymus; using anti-DPPA3 (C2) (R2945-4) at RT for 2 h.