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## **ANAPC5 (vPair™) Antibodies**

**Cat#: R0872-vp**

**Lot#: Refer to vial**

**Predicted | Observed M.W.: 85 | 100 kDa**

**Uniprot ID: Q9UJX4**

**Application: WB**

**Quantity:** 50 ul MLXIPL (N2) (R2556-2) Rabbit Polyclonal Antibody &

50 ul MLXIPL (C) (R2556-3) Rabbit Polyclonal Antibody

### **Product Introduction:**

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

### **Background:**

Anaphase-promoting complex subunit 5 (ANAPC5) belongs to the APC5 family and is a component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains.

### **Other Names:**

Anaphase-promoting complex subunit 5, APC5, Cyclosome subunit 5

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [ANAPC5 (N) (R0872-1)] or the C-terminal [ANAPC5 (C) (R0872-2)] region of human ANAPC5. 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.

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Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301**

**Species Specificity:**

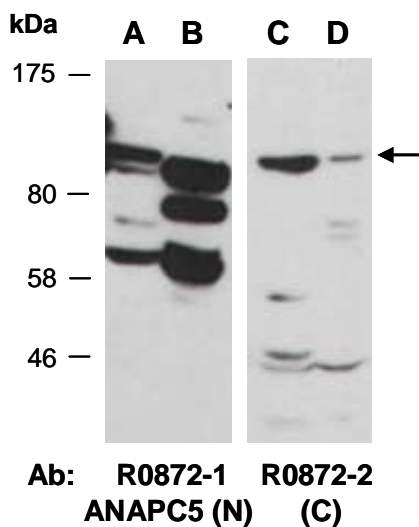
Human, Mouse

**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 thymus, (B, C) human HeLa, (D) human Jurkat; using 2 independent Abs against 2 distinct regions of human ANAPC5 at RT for 2 h.