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## DDX17 (vPair™) Antibodies

**Cat#: R1762-vp**

**Lot#: Refer to vial**

**Predicted | Observed M.W.: 80 kDa**

**Uniprot ID: Q92841**

**Application: WB**

**Quantity:** 50 ul DDX17 (N) (R1762-1) Rabbit Polyclonal Antibody &

50 ul DDX17 (C) (R1762-2) 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:**

Probable ATP-dependent RNA helicase DDX17 belongs to the DEAD box helicase family and the DDX5/DBP2 subfamily. DDX17 is an RNA-dependent ATPase activity. DDX17 is involved in transcriptional regulation and is a transcriptional coactivator for estrogen receptor ESR1. DDX17 increases ESR1 AF-1 domain-mediated transactivation. Additionally, DDX17 synergizes with DDX5 and SRA1 RNA to activate MYOD1 transcriptional activity and is probably involved in skeletal muscle differentiation. Furthermore, DDX17 is required for zinc-finger antiviral protein ZC3HAV1-mediated mRNA degradation.

### **Other Names:**

Probable ATP-dependent RNA helicase DDX17, DEAD box protein 17, DEAD box protein p72, RNA-dependent helicase p72

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [DDX17 (N) (R1762-1)] or the C-terminal [DDX17 (C) (R1762-2)] region of human DDX17. Antibodies were purified by affinity purification using immunogen.

### **Species Specificity:**

Human, Mouse

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**For research use only. Not for therapeutic or diagnostic purposes.  
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301**

**Storage Buffer and Condition:**

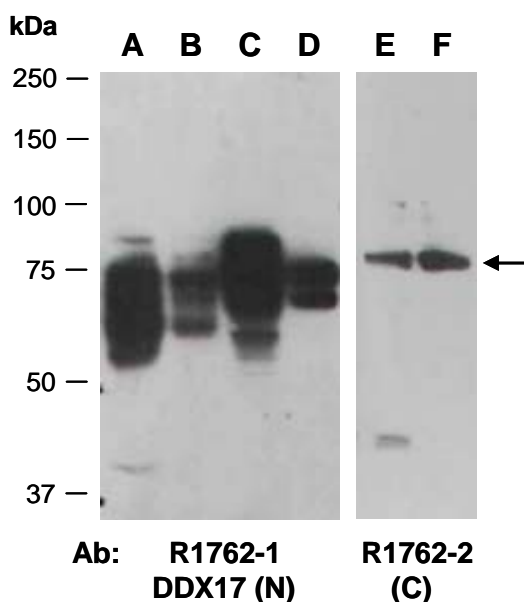
Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

**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, (C, E) human HeLa, (D, F) human Jurkat; using 2 independent Abs against 2 distinct regions of human DDX17 at RT for 2 h.