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## KTN1 (vPair™) Antibodies

**Cat#: R2544-vp**

**Lot#: Refer to vial**

**Predicted | Observed M.W.: 156 kDa**

**Uniprot ID: Q86UP2**

**Application: WB**

**Quantity:** 50 ul KTN1 (N) (R2544-1) Rabbit Polyclonal Antibody &  
50 ul KTN1 (C) (R2544-2) 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:**

Kinectin (KTN1) is an integral membrane protein that is a member of the kinectin protein family. KTN1 is primarily localized to the endoplasmic reticulum membrane. KTN1 binds to kinesin and may be involved in intracellular organelle motility. KTN1 also binds to the translation elongation factor-delta and may be involved in the assembly of the elongation factor-1 complex.

### **Other Names:**

Kinectin, CG-1 antigen, Kinesin receptor, CG1, KIAA0004

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [KTN1 (N) (R2544-1)] or the C-terminal [KTN1 (C) (R2544-2)] region of human KTN1. 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:**

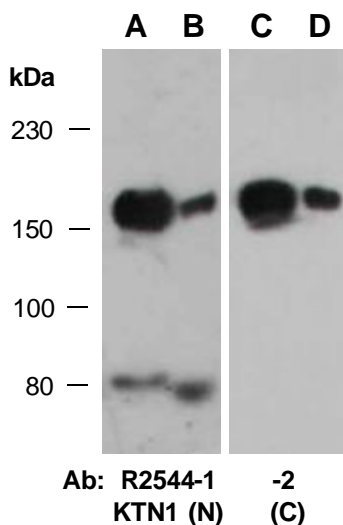
Human

**Tested Applications:**

WB: 1:500-1:2,000 (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, C) human HeLa; B, D) human Jurkat; using 2 independent Abs against 2 distinct regions of human KTN1 at RT for 2 h.