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## **KRT19 (vPair™) Antibodies**

**Cat#: R0145-vp**

**Lot#: Refer to vial**

**Predicted M.W.: 44 kDa**

**Uniprot ID: P08727**

**Application: WB**

**Quantity:** 50 ul KRT19 (C) (R0145-1) Rabbit Polyclonal Antibody &  
50 ul KRT19 (N) (R0145-2) 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:**

Keratin 19 (KRT19) is a member of the keratin family. Keratins are intermediate filament proteins in charge of maintaining the structural integrity of epithelial cells. They are subdivided into cytokeratins and hair keratins. KRT19 plays a role in the organization of myofibers. It works with KRT8, linking the contractile apparatus to dystrophin at the costameres of striated muscle.

### **Other Names:**

CK19, CK-19, K19, K1CS, MGC15366, Cytokeratin-19

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing either the C-terminal [KRT19 (C) (R0145-1)] or the N-terminal [KRT19 (N) (R0145-2)] regions of human KRT19. 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:**

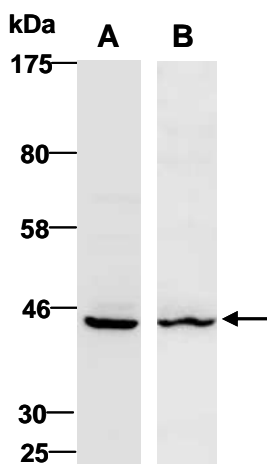
Human

**Tested Applications:**

WB: 1:1,000-1:5,000 (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 human MCF7, using 2 independent Abs against 2 distinct regions of human KRT19 [A: R0145-1 (C-terminal); B: R0145-2 (N-terminal)] at RT for 2 h.