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## TLR6 (vPair™) Antibodies

**Cat#: R1128-vp**

**Lot#: Refer to vial**

**Predicted | Observed M.W.: 92 | 120 kDa**

**Uniprot ID: Q9Y2C9**

**Application: WB**

**Quantity:** 50 ul TLR6 (N) (R1128-1) Rabbit Polyclonal Antibody &  
50 ul TLR6 (C) (R1128-2) 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:**

Toll-like receptor 6 (TLR6) is a single-pass type I membrane protein belonging to the Toll-like receptor family. TLR6 participates in the innate immune response to Gram-positive bacteria and fungi. TLR6 specifically recognizes diacylated and, to a lesser extent, triacylated lipopeptides. Furthermore, TLR6 also acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

### **Other Names:**

Toll-like receptor 6, CD286

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [TLR6 (N) (R1128-1)] or the C-terminal [TLR6 (C) (R1128-2)] region of human TLR6. 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:**

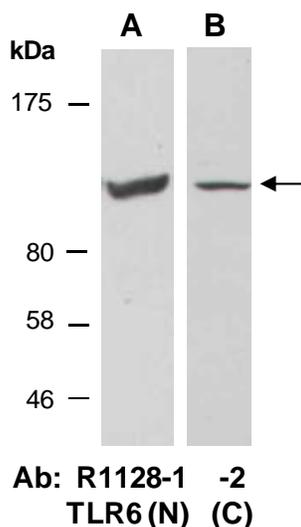
Human, Mouse

**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, B) mouse thymus; using 2 independent Abs against 2 distinct regions of human TLR6 at RT for 2 h.