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## **BAD (vPair™) Antibodies**

**Cat#: R0221-vp**

**Lot#: Refer to vial**

**Predicted M.W.: 22 kDa**

**Uniprot ID: Q61337**

**Application: WB**

**Quantity:** 50 ul BAD (N) (R0221-1) Rabbit Polyclonal Antibody &  
50 ul BAD (C) (R0221-2) 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:**

Bcl2 antagonist of cell death (BAD) promotes cell death. BAD competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. BAD can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. BAD appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

### **Other Names:**

Bcl2 antagonist of cell death, Bcl-2-binding component 6, Bcl-xL/Bcl-2-associated death promoter, Bbc6

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing either the N-terminal [BAD (N) (R0221-1)] or the C-terminal [BAD (C) (R0221-2)] regions of mouse BAD. Antibodies were purified by affinity purification using immunogen.



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**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:**

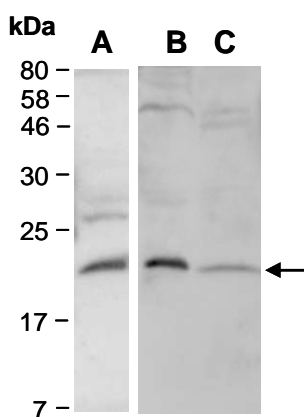
Mouse

**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 mouse liver (A, B) or thymus (C), using 2 independent antibodies against 2 distinct regions of mouse BAD [A: R0221-1 (N-terminal); B, C: R0221-2 (C-terminal)] at RT for 2 h.

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Last Update: 08/2011

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