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## CDC42EP3 (vPair™) Antibodies

**Cat#: R1805-vp**

**Lot#: Refer to vial**

**Predicted | Observed M.W.: 28 | 40 kDa**

**Uniprot ID: Q9UKI2**

**Application: WB**

**Quantity:** 50 ul CDC42EP3 (M) (R1805-1) Rabbit Polyclonal Antibody &  
50 ul CDC42EP3 (C) (R1805-2) 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:**

Cdc42 effector protein 3 (CDC42EP3) is a member of a small family of guanosine triphosphate (GTP) metabolizing proteins that contain a CRIB (Cdc42, Rac interactive binding) domain. Members of this family of proteins act as effectors of CDC42 function. CDC42EP3 is involved in actin cytoskeleton reorganization during cell shape changes, including pseudopodia formation. Alternative splicing results in multiple transcript variants [provided by RefSeq].

### **Other Names:**

Cdc42 effector protein 3, Binder of Rho GTPases 2, MSE55-related Cdc42-binding protein, BORG2, CEP3, CDC42 effector protein (Rho GTPase binding) 3, UB1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the middle [CDC42EP3 (M) (R1805-1)] or the C-terminal [CDC42EP3 (C) (R1805-2)] region of human CDC43EP3. 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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**For research use only. Not for therapeutic or diagnostic purposes.**  
**Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301**

**Species Specificity:**

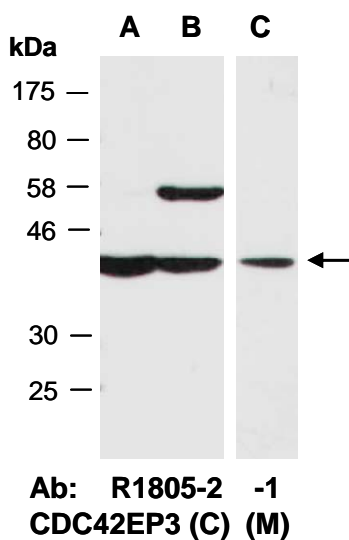
Human, Mouse

**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) mouse brain, B, C) mouse thymus; using 2 independent Abs against 2 distinct regions of human CDC42EP3 at RT for 2 h.