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## **RALGDS (vPair™) Antibodies**

**Cat#: R1857-vp**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 101 kDa**

**Quantity:** 50 ul RALGDS (N) (R1857-1) Rabbit Polyclonal Antibody &

50 ul RALGDS (C) (R1857-2) Rabbit Polyclonal Antibody

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q12967**

### **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:**

Ral guanine nucleotide dissociation stimulator (RALGDS ) stimulates the dissociation of GDP from the Ras-related RalA and RalB GTPases which allows GTP binding and activation of the GTPases. Furthermore, RALGDS interacts and acts as an effector molecule for R-Ras, H-Ras, K-Ras, and Rap.

### **Other Names:**

Ral guanine nucleotide dissociation stimulator, RalGDS, Ral guanine nucleotide exchange factor, RalGEF

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [RALGDS (N) (R1857-1)] or the C-terminal [RALGDS (C) (R1857-2)] region of human RALGDS. 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:**

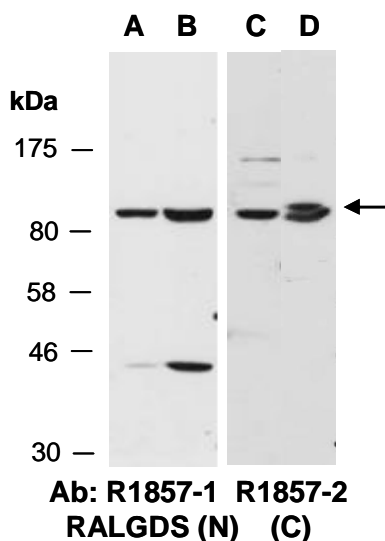
Human

**Tested Applications:**

WB: 1:1,000-1:3,000 (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, C) human HeLa, (B, D) human Jurkat; using 2 independent Abs against 2 distinct regions of human RALGDS for 2 h.