**Product Name:** **RhoBTB1/2 Rabbit Polyclonal Antibody**
**Catalog #:** **APRab17127**
For research use only.

## Summary

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|---|---|
| **Description** | Rabbit polyclonal Antibody |
| **Host** | Rabbit |
| **Application** | WB,IHC,ICC/IF,ELISA |
| **Reactivity** | Human,Mouse |
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Polyclonal |
| **Form** | Liquid |
| **Concentration** | 1mg/ml |
| **Storage** | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| **Shipping** | Ice bags |
| **Buffer** | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| **Purification** | Affinity purification |

## Application

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|---|---|
| **Dilution Ratio** | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000 |
| **Molecular Weight** | 83kDa |

## Antigen Information

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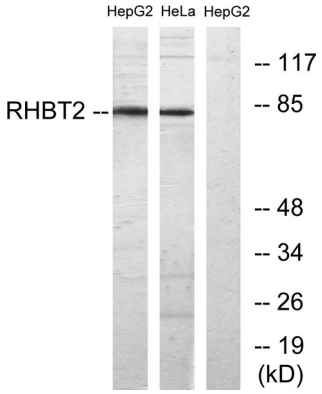
|---|---|
| **Gene Name** | RHOBTB1/RHOBTB2 |
| **Alternative Names** | RHOBTB1; KIAA0740; Rho-related BTB domain-containing protein 1; RHOBTB2; DBC2; KIAA0717; Rho-related BTB domain-containing protein 2; Deleted in breast cancer 2 gene protein; p83 |
| **Gene ID** | 23221/9886 |
| **SwissProt ID** | O94844/Q9BYZ6 |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human RHBT2. AA range:61-110 |

## Background

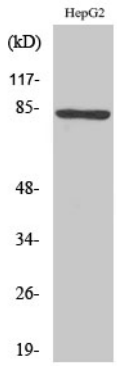
The protein encoded by this gene belongs to the Rho family of the small GTPase superfamily. It contains a GTPase domain, a proline-rich region, a tandem of 2 BTB (broad complex, tramtrack, and bric-a-brac) domains, and a conserved C-terminal region. The protein plays a role in small GTPase-mediated signal transduction and the organization of the actin filament system. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008],similarity:Belongs to the small GTPase superfamily. Rho family.,similarity:Contains 2 BTB (POZ) domains.,tissue specificity:Ubiquitous, with highest levels in skeletal muscle, placenta, testis, stomach, and kidney, followed by uterus and adrenal gland. Expressed in a variety of fetal tissues.,

## Research Area

## Image Data




Western blot analysis of lysates from HepG2 and HeLa cells, using RHBT2 Antibody. The lane on the right is blocked with the synthesized peptide.




Western Blot analysis of various cells using RhoBTB1/2 Polyclonal Antibody