
Product Name: RACK7 Rabbit Polyclonal Antibody**Catalog #: APRab16827**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ELISA |
| Reactivity | Human,Rat,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

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000 |
| Molecular Weight | 132kDa |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | ZMYND8 ZMYND8; KIAA1125; PRKCBP1; RACK7; Protein kinase C-binding protein 1; Cutaneous T-cell |
| Alternative Names | lymphoma-associated antigen se14-3; CTCL-associated antigen se14-3; Rack7; Zinc finger MYND domain-containing protein 8 |
| Gene ID | 23613.0 |
| SwissProt ID | Q9ULU4 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human PKCB1. AA range:581-630 |

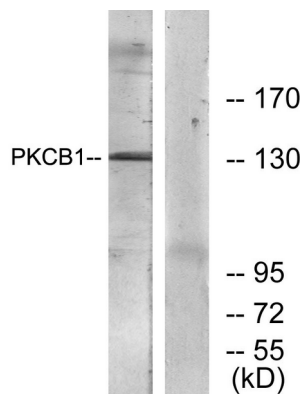
Background

The protein encoded by this gene is a receptor for activated C-kinase (RACK) protein. The encoded protein has been shown to bind in vitro to activated protein kinase C beta I. In addition, this protein is a cutaneous T-cell lymphoma-associated antigen. Finally, the protein contains a bromodomain and two zinc fingers, and is thought to be a transcriptional regulator. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 bromo domain.,similarity:Contains 1 MYND-type zinc finger.,similarity:Contains 1 PHD-type zinc finger.,similarity:Contains 1 PWWP domain.,subunit:Interacts in vitro with PRKCB1.,tissue specificity:Expressed in all tissues examined with highest expression in brain, lung, pancreas, and placenta. Expressed in cutaneous T-cell lymphomas (CTCL),

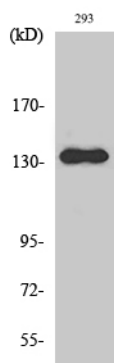
Research Area

Epigenetics and Nuclear Signaling; Transcription; Domain Families; Zinc Finger; Signal Transduction; Protein Phosphorylation; Tyrosine Kinases; Receptor Tyrosine Kinases; Transcription Factors

Image Data



Western blot analysis of lysates from 293 cells, using PKCB1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using RACK7 Polyclonal Antibody