
Product Name: Rap 2B Rabbit Polyclonal Antibody**Catalog #: APRab16889**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
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
Molecular Weight	18kDa

Antigen Information

Gene Name	RAP2B
Alternative Names	RAP2B; Ras-related protein Rap-2b
Gene ID	5912.0
SwissProt ID	P61225
Immunogen	The antiserum was produced against synthesized peptide derived from human RAP2B. AA range:98-147

Background

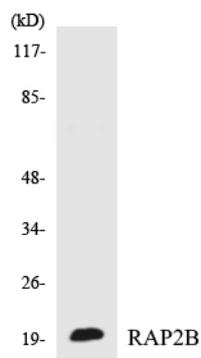
This intronless gene belongs to a family of RAS-related genes. The proteins encoded by these genes share approximately 50%

amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between the RAP and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. Evidence suggests that this protein may be polyisoprenylated and palmitoylated. [provided by RefSeq, Jul 2008],domain:The effector domain mediates the interaction with RUNDC3A.,similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with PLCE1. Interacts with SGSM1, SGSM2 and SGSM3. The GTP-bound form of RAP2B interacts with RUNDC3A.,

Research Area

Signal Transduction; Signaling Pathway; G Protein Signaling; Small G Proteins; Ras Family

Image Data



Western blot analysis of the lysates from COLO205 cells using RAP2B antibody.