



Rap 2B Polyclonal Antibody

Catalog No	YP-Ab-16224
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	RAP2B
Immunogen	The antiserum was produced against synthesized peptide derived from human RAP2B. AA range:98-147
Specificity	Rap 2B Polyclonal Antibody detects endogenous levels of Rap 2B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Ras-related protein Rap-2b;Ras related protein Rap 2b;EC:3.6.5.2;Rap 2B; RAP2B
Observed Band	18kD
Calculated Molecular Weight	18kD
Cell Pathway	Recycling endosome membrane ; Lipid-anchor ; Cytoplasmic side . Associated with red blood cells-released vesicles.
Tissue Specificity	Expressed in red blood cells (at protein level).
Function	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.,
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],

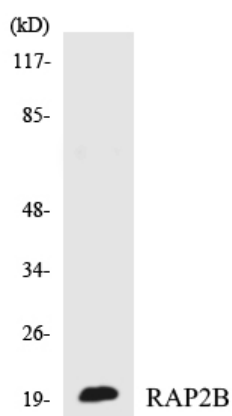
matters needing attention

Avoid repeated freezing and thawing!

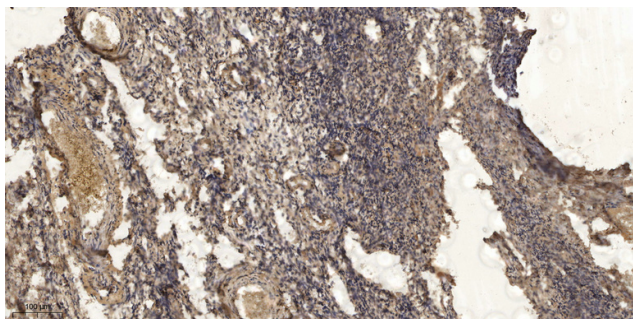
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).