

RAP1A/RAP1B Rabbit pAb

Catalog # AP53571

Product Information

Primary Accession	P61224
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	20825

Additional Information

Gene ID	5908
Other Names	RAP1; C21KG; G-22K; KREV1; KREV-1; SMGP21
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

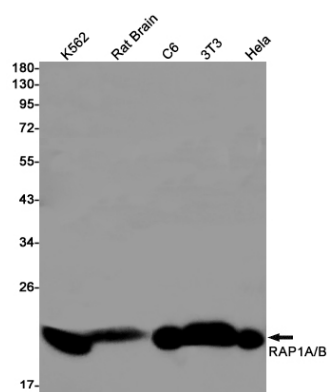
Name	RAP1B
Function	GTP-binding protein that possesses intrinsic GTPase activity. Contributes to the polarizing activity of KRIT1 and CDH5 in the establishment and maintenance of correct endothelial cell polarity and vascular lumen. Required for the localization of phosphorylated PRKCZ, PARD3 and TIAM1 to the cell junction. Plays a role in the establishment of basal endothelial barrier function.
Cellular Location	Cell membrane. Cytoplasm, cytosol. Cell junction. Note=May shuttle between plasma membrane and cytosol (PubMed:3141412). Presence of KRIT1 and CDH5 is required for its localization to the cell junction (PubMed:20332120)

Background

Swiss-Prot Acc.P61224.GTP-binding protein that possesses intrinsic GTPase activity. Contributes to the polarizing activity of KRIT1 and CDH5 in the establishment and maintenance of correct endothelial cell polarity and vascular lumen. Required for the localization of phosphorylated PRKCZ, PARD3 and TIAM1 to the cell junction. Plays a role in the establishment of basal endothelial barrier function.

Images

Western blot detection of RAP1A/B in K562,Rat Brain,C6,3T3,Hela cell lysates using RAP1A/B Rabbit



pAb(1:1000 diluted). Predicted band size:21kDa.Observed band size:21kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.