

RAC3 Rabbit pAb

Catalog # AP53569

Product Information

Primary Accession	P60763
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	21379

Additional Information

Gene ID	5881
Other Names	Ras-related C3 botulinum toxin substrate 3, 3.6.5.2, p21-Rac3, RAC3 (HGNC:9803)
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

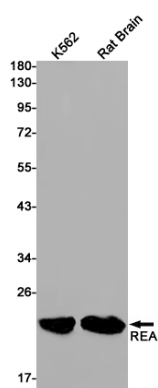
Protein Information

Name	RAC3 (HGNC:9803)
Function	Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as cell spreading and the formation of actin-based protusions including lamellipodia and membrane ruffles. Promotes cell adhesion and spreading on fibrinogen in a CIB1 and alpha-IIb/beta3 integrin-mediated manner.
Cellular Location	Cytoplasm. Endomembrane system. Cell projection, lamellipodium. Cytoplasm, perinuclear region. Cell membrane. Cytoplasm, cytoskeleton Note=Membrane-associated when activated. Localizes to actin-based membrane ruffles (PubMed:15107133). Colocalizes with NRBP to endomembranes and at the cell periphery in lamellipodia. Colocalized with CIB1 in the perinuclear area and at the cell periphery
Tissue Location	Highest levels in brain, also detected in heart, placenta and pancreas

Background

Swiss-Prot Acc.P60763. Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as cell spreading and the formation of actin-based protusions including lamellipodia and membrane ruffles. Promotes cell adhesion and spreading on fibrinogen in a CIB1 and alpha-IIb/beta3 integrin-mediated manner.

Images



Western blot detection of RAC3 in K562,Rat Brain cell lysates using RAC3 Rabbit pAb(1:1000 diluted).Predicted band size:21kDa.Observed band size:21kDa.

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