

RAC3 Antibody
Rabbit mAb
Catalog # AP93229

Specification

RAC3 Antibody - Product Information

Application	WB, IHC
Primary Accession	P60763
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Rac1B; RAC3;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	21379 Da

RAC3 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human RAC3
Description	Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage Condition and Buffer	

RAC3 Antibody - 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. 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

RAC3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RAC3 Antibody - Images