

For Research Use Only

Rac1 Polyclonal antibody

Catalog Number: 20571-1-AP **1 Publications**



Basic Information

Catalog Number: 20571-1-AP	GenBank Accession Number: NM_006908	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 420 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5879	
Source: Rabbit	Full Name: ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	
Isotype: IgG	Calculated MW: 21 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

RAC1, also named as TC25, belongs to the small GTPase superfamily and Rho family. RAC1 is a plasma membrane-associated small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, it binds to a variety of effector proteins to regulate cellular responses such as secretory processes, phagocytosis of apoptotic cells, epithelial cell polarization and growth-factor induced formation of membrane ruffles. The antibody is specific to RAC1.

Notable Publications

Author	Pubmed ID	Journal	Application
Florian Paul	27852748	Mol Cell Proteomics	

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
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Selected Validation Data