

For Research Use Only

Rac1 Polyclonal antibody

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



Basic Information

Catalog Number:

20571-1-AP

Size:

420 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006908

GeneID (NCBI):

5879

UNIPROT ID:

P63000

Full Name:

ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)

Calculated MW:

21 kDa

Purification Method:

Antigen affinity purification

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

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

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Selected Validation Data