

For Research Use Only

Rac1 Polyclonal antibody

Catalog Number: 10485-2-AP

2 Publications



Basic Information

Catalog Number:

10485-2-AP

Size:

N/A

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0751

GenBank Accession Number:

BC004247

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

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Jiankang Kang	33760108	Int J Oncol	WB
Hui Ling	32124958	Int J Oncol	WB

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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