

For Research Use Only

# Rac1 Polyclonal antibody

Catalog Number: 10485-2-AP **2 Publications**



## Basic Information

|                                            |                                                                                                                    |                                                              |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>Catalog Number:</b><br>10485-2-AP       | <b>GenBank Accession Number:</b><br>BC004247                                                                       | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul                      | <b>GeneID (NCBI):</b><br>5879                                                                                      |                                                              |
| <b>Source:</b><br>Rabbit                   | <b>Full Name:</b><br>ras-related C3 botulinum toxin<br>substrate 1 (rho family, small GTP<br>binding protein Rac1) |                                                              |
| <b>Isotype:</b><br>IgG                     | <b>Calculated MW:</b><br>21 kDa                                                                                    |                                                              |
| <b>Immunogen Catalog Number:</b><br>AG0751 |                                                                                                                    |                                                              |

## 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

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data