

# Phospho-Rac1/2/3-S71 Rabbit pAb

Catalog No.: AP0086

1 Publications

## Basic Information

### Observed MW

28kDa

### Calculated MW

21kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Rat

## Background

The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Two transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

5879

### Swiss Prot

P63000

### Immunogen

A synthetic phosphorylated peptide around S71 of human RAC1 (NP\_008839.2).

### Synonyms

MIG5; MRD48; Rac-1; TC-25; p21-Rac1; Phospho-Rac1/2/3-S71

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

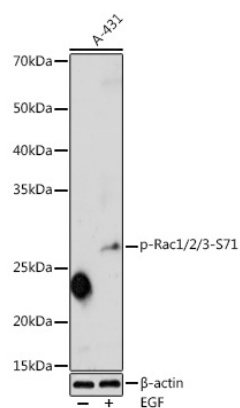
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of A-431 cells, using Phospho-Rac1/2/3-S71 antibody (AP0086) at 1:1000 dilution. A-431 cells were treated by EGF (25 µg/mL) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.