

A7720

Leader in Biomolecular Solutions for Life Science



Rac1/2/3 Rabbit pAb

Catalog No.: A7720

6 Publications

Basic Information

Observed MW

21kDa

Calculated MW

21kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, 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 |
| IHC-P | 1:50 - 1:200 |
| IF/ICC | 1:50 - 1:200 |

Immunogen Information

Gene ID

5879

Swiss Prot

P63000

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-192 of human Rac1/2/3 (NP_008839.2).

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

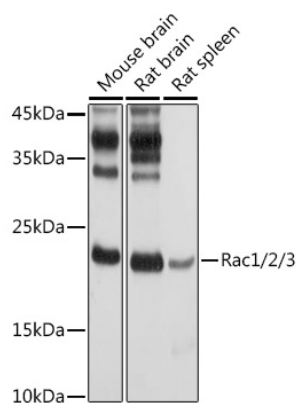
Affinity purification

Storage

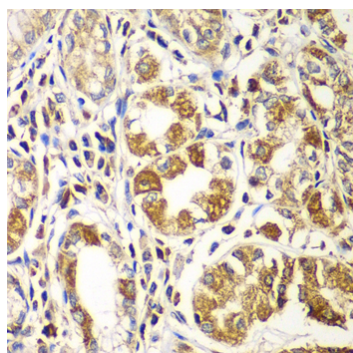
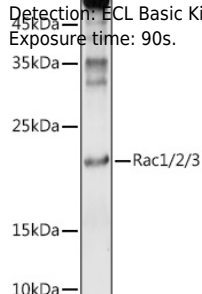
Store at -20°C. Avoid freeze / thaw cycles.

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

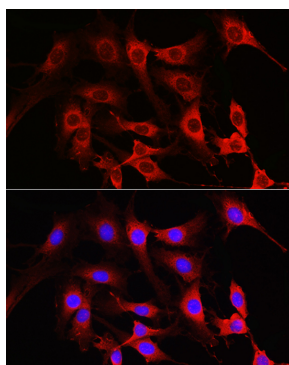
Validation Data



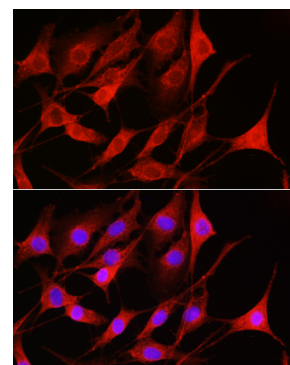
Western blot analysis of extracts of A-431 cells, using Rac1/2/3 antibody (A7720) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human gastric using Rac1/2/3 antibody (A7720) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of C6 cells using Rac1/2/3 Rabbit pAb (A7720) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using Rac1/2/3 Rabbit pAb (A7720) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.