
RAC1 Rabbit pAb

Catalog Number: bs-4186R

Target Protein: RAC1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse (predicted:Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, GuineaPig, Horse)

Predicted MW: 22 kDa

Entrez Gene: 5879

Swiss Prot: P63000

Source: KLH conjugated synthetic peptide derived from human RAC1: 85-192/192.

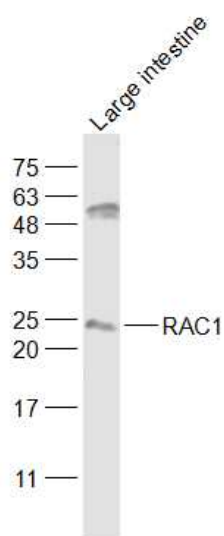
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Mar 2009]

VALIDATION IMAGES



Sample: Large intestine (Mouse) Lysate at 40 ug Primary: Anti-RAC1 (bs-4186R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 23 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=11.556] Chao Tang. et al. Hedgehog signaling is controlled by Rac1 activity. *Theranostics*. 2022; 12(3): 1303–1320 WB,IP ; Mouse . 35154488

[IF=7.666] Xue Wu. et al. RAC1, a Potential Diagnostic and Prognostic Marker for Diffuse Large B Cell Lymphoma. *CELLS-BASEL*. 2022 Jan;11(24):4039 IHC ; Human . 36552804

[IF=4.7] Xin Wu. et al. Exploration of chemical components and Rac1-dependent anti-hepatic fibrosis mechanism by total flavonoids derived from *Tetragium hemsleyanum*. *CHIN HERB MED*. 2024 Dec;: WB ; Rat . 10.1016/j.chmed.2024.12.003

[IF=3.448] Yu C et al. LncRNA AC009022. 1 enhances colorectal cancer cells proliferation, migration, and invasion by promoting ACTR3B expression via suppressing miR - 497 - 5p. *J Cell Biochem*. 2019 Oct 21. WB ; Human . 31637768

[IF=3.448] Ma Q et al. Non - coenzyme role of vitamin B1 in RANKL - induced osteoclastogenesis and ovariectomy induced osteoporosis. *J Cell Biochem*. 2020 Feb 26. WB ; mouse . 32100911