

[Primary Antibody]

phospho-RAC1 + RAC2 (Ser71) Rabbit pAb



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— DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

GeneID: 5879

SWISS: P63000

Target: phospho-RAC1 + RAC2 (Ser71)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human RAC1 around the phosphorylation site of Ser71: PL(p-SYP).

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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]

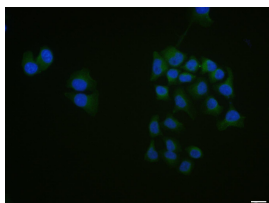
Applications: ICC/IF (1:100)

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

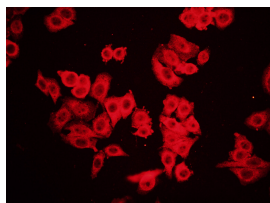
Predicted MW.: 22 kDa

Subcellular Location: Cell membrane ,Cytoplasm

— VALIDATION IMAGES



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-RAC1+RAC2(Ser71)) polyclonal Antibody, Unconjugated (bs-5698R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



Tissue/cell: Human FHC cells;4%
Paraformaldehyde-fixed; Blocking buffer
(normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-phospho-RAC1+RAC2(Ser71)
Polyclonal Antibody, Unconjugated(bs-5698R)
1:200, overnight at 4°C; The secondary antibody
was Goat Anti-Rabbit IgG, Cy3 conjugated
(bs-0295G-Cy3)used at 1:200 dilution for 40
minutes at 37°C.

— SELECTED CITATIONS

- **[IF=3.568]** Meltem Kumaş-Kulualp. et al. Clemizole hydrochloride, a potent TRPC5 calcium channel inhibitor, prevents cisplatin-induced nephrotoxicity in Sprague–Dawley rats. J BIOCHEM MOL TOXIC. 2023 Apr;:e23372 WB ;Rat. 37102204
- **[IF=2.049]** Lei Q et al. HEV ORF3 down - regulates CD14 and CD64 to impair macrophages phagocytosis through inhibiting JAK/STAT pathway. Journal of Medical Virology. 2019. WB ;Human. doi:10.1002/jmv.25400

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.