

# RAC1/RAC2/RAC3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human RAC1/RAC2/RAC3
Form	Liquid
Concentration	0.1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2646272

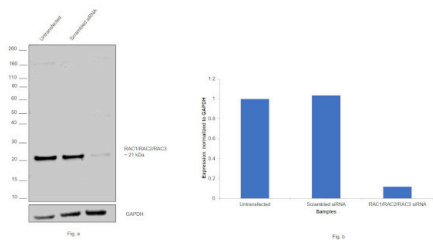
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:50-1:200	-

## Product Specific Information

Immunogen sequence: TKLDLRDDKD TIERLRDKKL APITYPQGLA MAREI

Highest antigen sequence identity to the following orthologs: Mouse - 100%, Rat - 100%.

Product Images For RAC1/RAC2/RAC3 Polyclonal Antibody

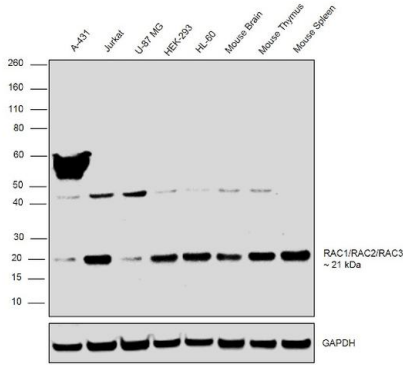


RAC1/RAC2/RAC3 Antibody (PA5-61600)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK-293 cells were transfected with RAC1/RAC2/RAC3 siRNA and reduction of signal was observed in Western Blot using RAC1/RAC2/RAC3 Polyclonal Antibody (Product # PA5-61600). {KD}

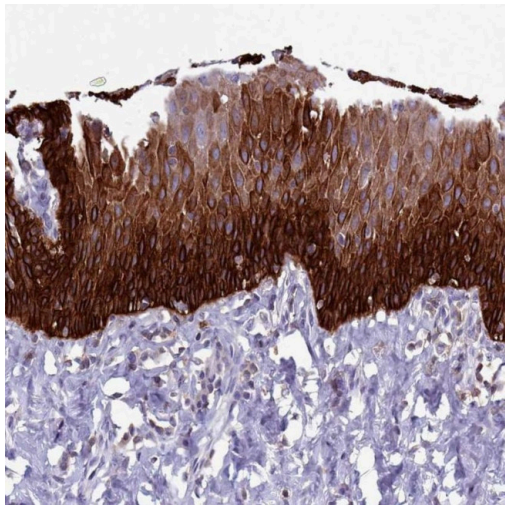
RAC1/RAC2/RAC3 Antibody (PA5-61600) in WB

Western blot was performed using Anti-RAC1/RAC2/RAC3 Polyclonal Antibody (Product # PA5-61600) and 21 kDa band corresponding to RAC1/RAC2/RAC3 was observed along with some higher glycosylated forms were also seen across samples tested. Whole cell extracts (30 µg lysate) of A-431 (Lane1), Jurkat (Lane2), U-87 MG (Lane 3), HEK-293 (Lane 4), HL-60 (Lane 5), Mouse Brain, (Lane 6), Mouse Thymus (Lane 7) and Mouse Spleen (Lane 8) were electrophoresed using Novex® NuPAGE® 4-12% Bis-Tris gel (Product # NP0342BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



RAC1/RAC2/RAC3 Antibody (PA5-61600) in IHC

Immunohistochemical staining of RAC1/RAC2/RAC3 in human esophagus using a RAC1/RAC2/RAC3 Polyclonal Antibody (Product # PA5-61600) shows strong cytoplasmic positivity in squamous epithelial cells.



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