

RAC2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 189 of Human RAC2
Form	Liquid
Concentration	1.43 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547156

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-

Product Specific Information

Recommended positive controls: Molt-4, Raji.

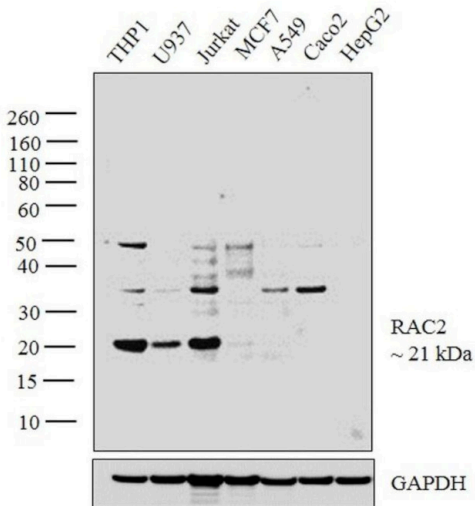
Predicted reactivity: Mouse (99%), Rat (99%), Zebrafish (96%), Drosophila (92%), Xenopus laevis (96%), Chicken (99%), Rhesus Monkey (100%), Bovine (100%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For RAC2 Polyclonal Antibody

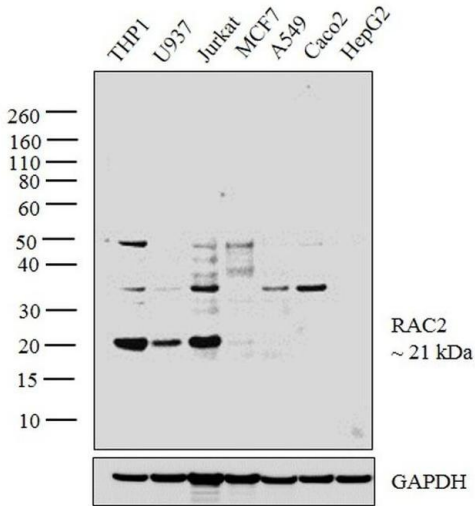
RAC2 Antibody (PA5-29681)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Relative expression of RAC2 was observed in cell lines of hematopoietic origin (THP1, U937 and Jurkat) in comparison to somatic differentiated cell lines (MCF7, A549, Caco-2, Hep G2) using product (Product # PA5-29681) in western blot. {RE}



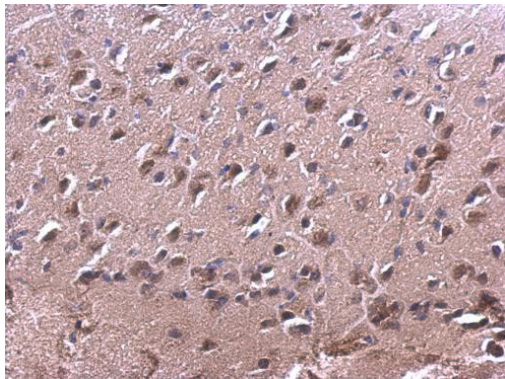
RAC2 Antibody (PA5-29681) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of THP1 (Lane 1), U937 (Lane 2), Jurkat (Lane 3), MCF7 (Lane 4), A549 (Lane 5), Caco2 (Lane 6) and HepG2 (Lane 7). The blot was probed with Anti-RAC2 Polyclonal Antibody (Product # PA5-29681, 1:3,000 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 21 kDa band corresponding to RAC2 was observed across all the cell lines tested except MCF7, A549, Caco2 and HepG2. Additional non-specific bands were also observed at 35 and 50 kDa across the cell lines.



RAC2 Antibody (PA5-29681) in IHC (P)

RAC2 Polyclonal Antibody detects RAC2 protein at cytosol on mouse fore brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse fore brain. RAC2 Polyclonal Antibody (Product # PA5-29681) dilution: 1:500. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



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