

RACK1 Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human RACK1 recombinant protein (Position: T2-R317).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide
Storage Conditions	-20°C
RRID	AB_2746435

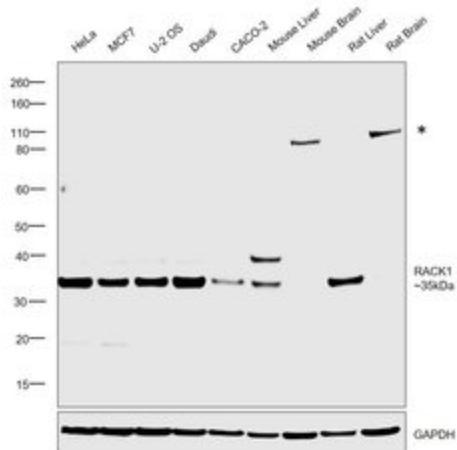
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100	-
Immunofluorescence (IF)	1:100	-
Western Blot (WB)	0.1-0.5 µg/mL	-

Product Specific Information

Add 0.2 mL of distilled water, will yield a concentration of 500 µg/mL.

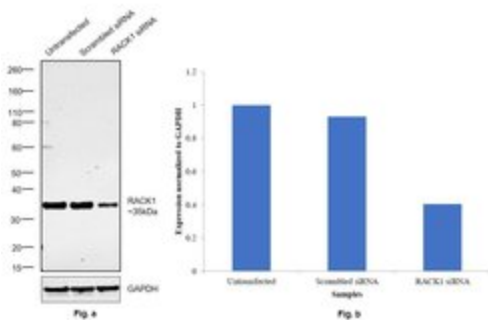
RACK1 Antibody (PA5-79319)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues owing to their inherent genetic constitution. Relative expression of RACK1 was observed in Mouse Liver and Rat Liver but not in Mouse Brain and Rat Brain using Anti-RACK1 Polyclonal Antibody (Product # PA5-79319) in Western Blot. Relative expression validation info.



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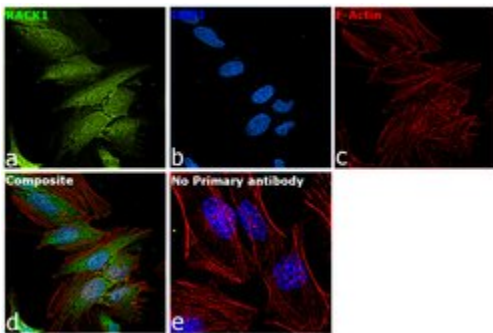
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with RACK1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-RACK1 Polyclonal Antibody (Product # PA5-79319). Knockdown validation info.



Product Images For RACK1 Polyclonal Antibody

RACK1 Antibody (PA5-79319) in ICC

Immunofluorescence analysis of RACK1 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with RACK1 Polyclonal Antibody (Product # PA5-79319) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1: 2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Cytoplasm and Nucleus localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60x magnification.



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