RACK1 Polyclonal Antibody

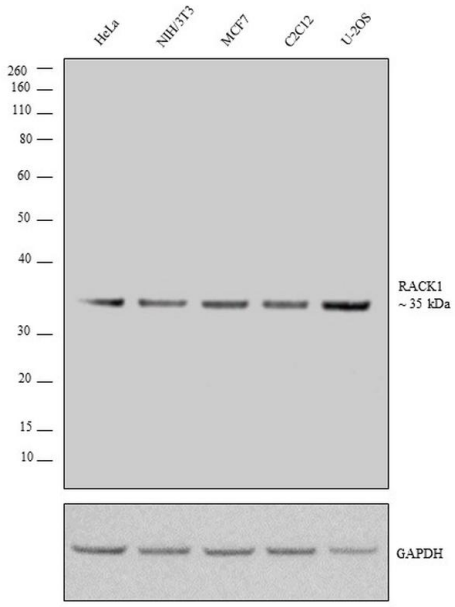
Product Details	
Size	100 µL
Species Reactivity	Fruit fly, Human, Mouse, Rat, Zebrafish
Published Species	Yeast
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to human RACK1
Form	Liquid
Concentration	29 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10980517

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunocytochemistry (ICC/IF)	1:200	-

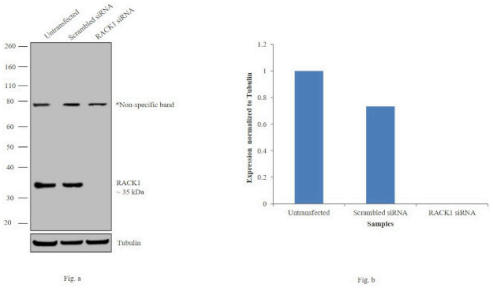
Product Specific Information

It is not recommended to aliquot this antibody.

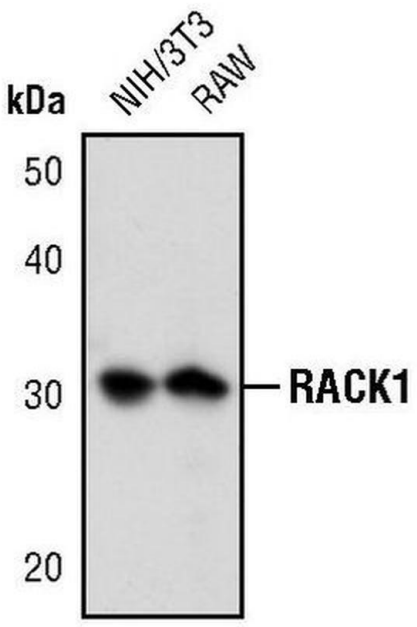
Product Images For RACK1 Polyclonal Antibody



RACK1 Antibody (PA5-17484) in WB
Western blot analysis was performed on whole cell extract (30 µg lysate) of HeLa (Lane 1), NIH/3T3 (Lane 2), MCF7 (Lane 3), C2C12 (Lane 4) and U-2OS (Lane 5). The blot was probed with Anti-RACK1 Polyclonal Antibody (Product # PA5-17484, 1:1,000 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 35 kDa band corresponding to RACK1 was detected in cell lines tested.



RACK1 Antibody (PA5-17484)
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with RACK1 siRNA and reduction of signal was observed in Western Blot using RACK1 Polyclonal Antibody (Product # PA5-17484). {KD}



RACK1 Antibody (PA5-17484) in WB
Western blot analysis of RACK1 in extracts from NIH/3T3 and RAW cell lines using RACK1 polyclonal antibody (Product # PA5-17484).

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1 Reference

Western Blot (1)

Gene

Communication between RACK1/Asc1 and uS3 (Rps3) is essential for RACK1/Asc1 function in yeast Saccharomyces cerevisiae.

"PA5-17484 was used in Western Blotting to suggest that eukaryote-specific RACK1-uS3 interaction has evolved to act as a link between the ribosome and the cellular signaling pathways."

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Year
2019

Species
Yeast

Dilution
1:1000