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[Primary Antibody]

Recombinant Rabbit Anti-RAC1&RAC2&RAC3 Monoclonal Antibody

Catalog Number: SLA1530M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	16D14
GeneID:	5879
SWISS:	P63000
Target:	RAC1&RAC2&RAC3
Immunogen:	A synthesized peptide derived from human Rac1
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	21 kDa
Subcellular Location:	Cytoplasm
Background:	In mammals, Rac exists as three isoforms, Rac1, Rac2 and Rac3, which are highly similar in sequence. Rac and Cdc42 play key signaling roles in cytoskeletal reorganization, membrane trafficking, transcriptional regulation, cell growth and development. GTP binding stimulates the activity of Rac/Cdc42, and the hydrolysis of GTP to GDP through the protein's intrinsic GTPase activity, rendering it inactive.

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