

Rabbit anti-Human RAC2 Polyclonal Antibody | anti-RAC2 antibody

RAC2 Antibody (C-term)

CATALOG # AAA285680	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

RAC2; Polyclonal Antibody; RAC2 Antibody (C-term); Ras-related C3 botulinum toxin substrate 2; GX; Small G protein; p21-Rac2; anti-RAC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-188 amino acids from the C-terminal region of human RAC2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	164-188
Sequence Length	192
Applicable Applications for anti-RAC2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

RAC2 Antibody (C-term) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of RAC2 Antibody (C-term) in K562 cell line lysates (35ug/lane). RAC2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RAC2 antibody	RAC2 is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases.
Product Categories/Family for anti-RAC2 antibody	Cancer; Cell Biology; Signal transduction
References	Reibel,L., et.al., Biochem. Biophys. Res. Commun. 175 (2), 451-458 (1991) Brechard,S., et.al., J. Leukoc. Biol. 85 (4), 638-647 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506381
NCBI GeneID	5880
NCBI Accession #	NP_002863.1
NCBI GenBank Nucleotide #	NM_002872.4
UniProt Accession #	P15153; Q9UDJ4; AAB22207
Molecular Weight	21429
NCBI Official Full Name	ras-related C3 botulinum toxin substrate 2
NCBI Official Synonym Full Names	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)
NCBI Official Symbol	RAC2
NCBI Official Synonym Symbols	Gx; EN-7; HSPC022; p21-Rac2
NCBI Protein Information	ras-related C3 botulinum toxin substrate 2
UniProt Protein Name	Ras-related C3 botulinum toxin substrate 2
UniProt Gene Name	RAC2
UniProt Entry Name	RAC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rac2-antibody-flow-cytometry-western-blot-elisa/285680>