

Rabbit anti-Human, Rat RAC1-S71 Antibody | anti-RAC1 antibody

Phospho-RAC1-S71 Polyclonal Antibody

CATALOG # AAA36676	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot
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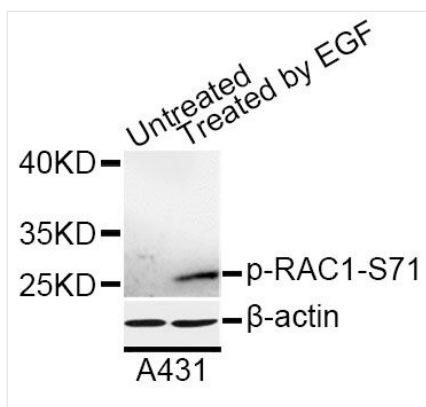
PRODUCT SYNONYMS

RAC1-S71; Phospho-RAC1-S71 Polyclonal Antibody; Phospho-RAC1-S71: MIG5; Rac-1; TC-25; p21-Rac1; anti-RAC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	192
Applicable Applications for anti-RAC1 antibody	WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A phospho specific peptide corresponding to residues surrounding S71 of human RAC1
Calculated Molecular Weight	21kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of A-431 cells, using Phospho-RAC1-S71 antibody at 1:1000 dilution. A431 cells were treated by EGF (100ng/ml) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

ADDITIONAL INFORMATION

Related Product Information for anti-RAC1 antibody	The protein encoded by this gene 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. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-RAC1 antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	51702787
NCBI GeneID	5879
UniProt Accession #	P63000; O95501; P15154; Q3Y4D3; Q5JAA8; Q9BTB4; AAB22206
Molecular Weight	192
NCBI Official Full Name	Ras-related C3 botulinum toxin substrate 1
NCBI Official Synonym Full Names	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
NCBI Official Symbol	RAC1
NCBI Official Synonym Symbols	MIG5; Rac-1; TC-25; p21-Rac1
NCBI Protein Information	ras-related C3 botulinum toxin substrate 1; ras-like protein TC25; cell migration-inducing gene 5 protein
UniProt Protein Name	Ras-related C3 botulinum toxin substrate 1
UniProt Gene Name	RAC1
UniProt Synonym Gene Names	TC25
UniProt Entry Name	RAC1_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/rabbit-human-rat-antibody/rac1-s71/36676>