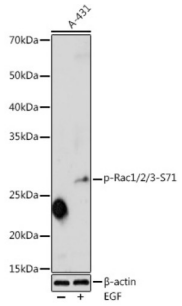
Ras Related C3 Botulinum Toxin Substrate 1 Phospho-Ser71 (RAC1 pS71) Antibody

Catalogue No.:abx000158



Western blot analysis of lysates from A-431 cells, using Phospho-Rac1/2/3-S71 Antibody at 1/1000 dilution. A-431 cells were treated by EGF (25 µg/ml) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 180s.

RAC1 (pS71) Antibody is a Rabbit Polyclonal antibody against RAC1 (pS71). 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.

Target:	Ras Related C3 Botulinum Toxin Substrate 1 Phospho-Ser71 (RAC1 pS71)
Clonality:	Polyclonal
Target Modification:	Ser71
Modification:	Phosphorylation
Reactivity:	Human, Rat
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthetic peptide corresponding to RAC1 pS71. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.

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Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P63000 (UniProt, ExPASy)
Gene Symbol:	RAC1
GeneID:	5879
NCBI Accession:	NP_008839.2
KEGG:	hsa:5879
String:	9606.ENSP00000348461
Molecular Weight:	Calculated MW: 21 kDa Observed MW: 28 kDa
Buffer:	PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol.
Specificity:	Detects RAC1, RAC2 and RAC3 when phosphorylated at Ser71.
Concentration:	0.67 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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