

Rac1(Phospho-Ser71) Antibody

Catalog No: #11203

Package Size: #11203-1 50ul #11203-2 100ul

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Description

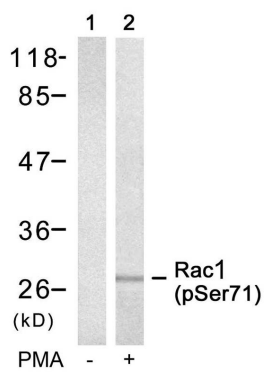
Product Name	Rac1(Phospho-Ser71) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Rac1 only when phosphorylated at serine 71.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 71 (P-L-S(p)-Y-P) derived from Human Rac1.
Target Name	Rac1
Modification	Phospho
Other Names	Ras-like protein TC25; Ras-related C3 botulinum toxin substrate 1; p21-Rac1
Accession No.	Swiss-Prot: P63000 NCBI Protein: NP_008839.2
Uniprot	P63000
GeneID	5879;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 28kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from 293 cells untreated (lane 1) or treated with PMA (lane 2) using Rac1 (Phospho-Ser71) Antibody #11203.

Background

Rac1 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.

Aoki K, et al. (2005) Mol Biol Cell; 16(5): 2207

Note: This product is for in vitro research use only