

Product datasheet for **TA322290**

RAC1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1000-2000, WB: 1:200-1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 198-211 amino acids of Human ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
Database Link:	NP_061485 Entrez Gene 19353 MouseEntrez Gene 363875 RatEntrez Gene 5879 Human P63000
Background:	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.
Synonyms:	MIG5; p21-Rac1; Rac-1; TC-25
Protein Families:	Druggable Genome



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Protein Pathways:

Adherens junction, Amyotrophic lateral sclerosis (ALS), Axon guidance, B cell receptor signaling pathway, Chemokine signaling pathway, Colorectal cancer, Epithelial cell signaling in Helicobacter pylori infection, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Leukocyte transendothelial migration, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Neurotrophin signaling pathway, Pancreatic cancer, Pathways in cancer, Regulation of actin cytoskeleton, Renal cell carcinoma, Toll-like receptor signaling pathway, VEGF signaling pathway, Viral myocarditis, Wnt signaling pathway

Product images:

Predicted band size: 23 kDa. Positive control: Jurkat cell lysate. Recommended dilution: 1/200-1000. (Gel: 12%SDS-PAGE Lysate: 60 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)