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## Product Datasheet

### Phospho-Rac1/Cdc42-S71 Rabbit mAb, Unconjugated ABB-AP1018

Article Name	Phospho-Rac1/Cdc42-S71 Rabbit mAb, Unconjugated
Biozol Catalog Number	ABB-AP1018
Supplier Catalog Number	AP1018
Alternative Catalog Number	ABB-AP1018-100UL, ABB-AP1018-20UL, ABB-AP1018-500UL, ABB-AP1018-1000UL
Manufacturer	ABclonal
Host	Rabbit
Category	Antikörper
Application	ELISA, WB
Species Reactivity	Human
Immunogen	Synthetic peptide. This information is considered to be commercially sensitive.
Conjugation	Unconjugated
Product Description	The protein encoded by this gene is a small GTPase of the Rho-subfamily, which regulates signaling pathways that control diverse cellular functions including cell morphology, migration, endocytosis and cell cycle progression. This protein is highly s...
Clonality	Monoclonal
Clone Designation	[ARC1563]
Molecular Weight	24kDa

NCBI	<a href="#">998</a>
UniProt	<a href="#">P60953</a>
Purity	Affinity purification
Sequence	PLSYP
Target	CDC42/RAC1
Antibody Type	Primary Antibody
Application Dilute	WB,1:500 - 1:2000 ELISA,Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Application Notes

Cross-Reactivity: Human, ResearchArea: GO - Molecular functioni  
apolipoprotein A-I receptor binding Source: BHF-UCL GBD domain  
binding Source: CAFA GTPase activity Source: UniProtKB GTP binding  
Source: UniProtKB GTP-dependent protein binding Source: Ensembl  
identical protein binding Source: IntAct mitogen-activated protein  
kinase kinase binding Source: Ensembl protein kinase binding  
Source: BHF-UCL thioesterase binding Source: UniProtKB ubiquitin  
protein ligase activity Source: AgBase Complete GO annotation on  
QuickGO ... GO - Biological processi actin cytoskeleton organization  
Source: UniProtKB actin filament branching Source: Ensembl actin  
filament organization Source: UniProtKB adherens junction  
organization Source: Ensembl blood coagulation Source: Reactome  
cardiac conduction system development Source: Ensembl Cdc42  
protein signal transduction Source: GO\_Central cell junction  
assembly Source: UniProtKB cell projection assembly Source:  
GO\_Central cellular protein localization Source: Ensembl cellular  
response to interferon-gamma Source: Ensembl dendritic cell  
migration Source: Ensembl dendritic spine morphogenesis Source:  
UniProtKB endocytosis Source: GO\_Central ephrin receptor signaling  
pathway Source: Reactome establishment of epithelial cell  
apical/basal polarity Source: UniProtKB establishment of Golgi  
localization Source: BHF-UCL establishment or maintenance of cell  
polarity Source: GO\_Central Fc-gamma receptor signaling pathway  
involved in phagocytosis Source: Reactome filopodium assembly  
Source: Ensembl Golgi organization Source: BHF-UCL heart  
contraction Source: Ensembl integrin-mediated signaling pathway  
Source: BHF-UCL interleukin-12-mediated signaling pathway Source:  
Reactome macrophage differentiation Source: UniProtKB  
modification of synaptic structure Source: GO\_Central negative  
regulation of epidermal growth factor receptor signaling pathway  
Source: Reactome negative regulation of protein complex assembly  
Source: UniProtKB neuron fate determination Source: Ensembl  
neuropilin signaling pathway Source: BHF-UCL nuclear migration  
Source: Ensembl organelle transport along microtubule Source: BHF-  
UCL phagocytosis, engulfment Source: UniProtKB positive regulation  
of actin cytoskeleton reorganization Source: BHF-UCL positive  
regulation of cell growth Source: AgBase positive regulation of  
cytokinesis Source: UniProtKB positive regulation of DNA replication  
Source: Ensembl positive regulation of epithelial cell proliferation  
involved in lung morphogenesis Source: Ensembl positive regulation  
of filopodium assembly Source: BHF-UCL positive regulation of  
intracellular protein transport Source: Ensembl positive regulation of  
JNK cascade Source: Ensembl positive regulation of lamellipodium  
assembly Source: CAFA positive regulation of muscle cell  
differentiation Source: Reactome positive regulation of neuron  
apoptotic process Source: Ensembl positive regulation of  
phosphatidylinositol 3-kinase activity Source: Ensembl positive  
regulation of pseudopodium assembly Source: UniProtKB positive  
regulation of stress fiber assembly Source: BHF-UCL positive  
regulation of substrate adhesion-dependent cell spreading Source:

