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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-AP1018-1000UL, ABB-AP1018-20UL, ABB-AP1018-100UL, ABB-AP1018-500UL
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	998
UniProt	P60953
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 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:

