

Rac1/cdc42 (phospho-Ser71) rabbit pAb

Catalog_no :	AP1456
Applications :	WB
Reactivity :	Human
Category :	抗原抗体
Size :	100µg/50µg/20µg
Protein_name :	Rac1/cdc42 (Ser71)
Humangene_id	998
:	
Humanswissprot	P60953
_no :	
Mousegene_id :	12540
Mouseswissprot	P60766
_no :	
Ratgene_id :	64465
Ratswissprot_no	Q8CFN2
:	
Immunogen :	Synthesized phosho peptide around human Rac1 (Ser71)
Specificity :	This antibody detects endogenous levels of Human Rac1/cdc42 (phospho-Ser71)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Other_name :	Cell division control protein 42 homolog (G25K GTP-binding protein)
Molecular	21KD
Weight :	

Background : cell division cycle 42(CDC42) Homo sapiens 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 similar to *Saccharomyces cerevisiae* Cdc 42, and is able to complement the yeast *cdc42-1* mutant. The product of oncogene *Dbl* was reported to specifically catalyze the dissociation of GDP from this protein. This protein could regulate actin polymerization through its direct binding to Neural Wiskott-Aldrich syndrome protein (N-WASP), which subsequently activates Arp2/3 complex. Alternative splicing of this gene results in multiple transcript variants. Pseudogenes of this gene have been identified on chromosomes 3, 4, 5, 7, 8 and 20. [provided by RefSeq, Apr 2013],
