

## CDC42 Rabbit pAb

db4231

Package : 20μL 50μL 100μL

**Product Name** : CDC42 Rabbit pAb**Cat.No.:** db4231**Synonyms** : TKS; G25K; CDC42Hs**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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]

**Immunogen**

Recombinant protein of human CDC42

**Gene ID**

998

**Swiss Prot**

P60953

**Synonyms**

TKS; G25K; CDC42Hs

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:2000-1:10000

IHC: 1:20

ICC/IF: 1:20

FC: 1:50

IP: 1:20

**Calculated MW**

21 kDa

**Observed MW**

21 kDa

**Host species**

Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.