

Recombinant

DGRmAb®

CDC42 (DGR15342) Rabbit mAb (PBS Only)

db14118-PBS

Package : 100µg

Product Name : CDC42 (DGR15342) Rabbit mAb (PBS Only)**Cat.No.:** db14118-PBS**Synonyms :** TKS; G25K; CDC42Hs**Application :** WB, IHC-P, 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-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:100-1:200

ICC/IF: 1:200-1:500

FC: 1:100-1:200

IP: 1:20-1:50

Calculated MW

21 kDa

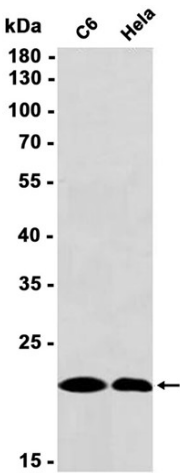
Observed MW

21 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR15342
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from C6, HeLa cells using [db14118](#)