
CDC42 Antibody

Subcategory: Chicken Polyclonal Antibody

Cat. No.: 254045

Unit: 0.1 mg

Description:

CDC42 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 *S. cerevisiae* CDC42, 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. CDC42 is thought to regulate actin polymerization through its direct binding to Neural Wiskott-Aldrich syndrome protein (N-WASP), which subsequently activates Arp2/3 complex. At least two isoforms of CDC42 are known to exist.

Isotype: Chicken Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgY in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: CDC42; Cell division cycle 42; G25K

Accession No.: NP_001782

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human CDC42.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.