

Rabbit anti-Human CDC42BPB Polyclonal Antibody | anti-CDC42BPB antibody

Anti-CDC42BPB Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256534	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CDC42BPB; Polyclonal Antibody; Anti-CDC42BPB Antibody; Rabbit Polyclonal; CDC42BPB Antibody; Rabbit PAb; Antigen Affinity Purified; CDC42 binding protein kinase beta (DMPK-like); Anti-MRCKB Antibody; anti-CDC42BPB antibody

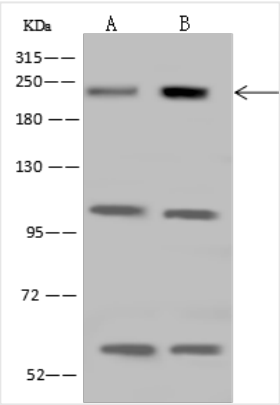
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CDC42BPB
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CDC42BPB antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human CDC42BPB fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CDC42BPB fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

CDC42BPB was immunoprecipitated using: Lane A: 0.5 mg U251MG Whole Cell Lysate 4 uL anti-CDC42BPB rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-CDC42BPB rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 194 kDa. Observed band size: 194 kDa.



WB (Western Blot)

Anti-CDC42BPB rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: U251MG Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 194 kDa. Observed band size: 194 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC42BPB antibody	CDC42BPB is a member of the serine/threonine protein kinase family that contains a Cdc42/Rsc-binding p21 binding domain similar to that of PAK kinase. The kinase domain of this protein is related to the myotonic dystrophy kinase related ROK and this kinase may have functions in downstream regulating of Cdc42 in cytoskeletal recognition. It has been reported that the CDC42BPB protein take part in regulating numerous cellular functions by binding to members of a serine/threonine protein kinase subfamily. These functions include the remodeling of the cell cytoskeleton that is a feature of cell growth and differentiation.
References	Moncrieff CL, et al. (1999) Cloning and Chromosomal Localization of Human Cdc42-Binding Protein Kinase beta. Genomics. 57 (2): 297-300. Boyd Y, et al. (2001) Orthologs of seven genes (AKT1, CDC42BPB, DIO3, EIF5, JAG2, KLC, NDUFB1) from human Chromosome 14q32 map to distal chicken Chromosome 5. Mammalian Genome. 13 (2): 120-2.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.