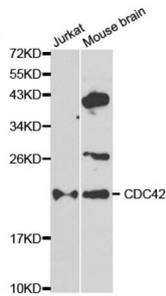


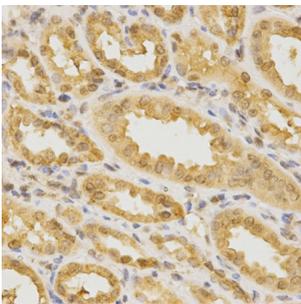
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 Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Cell Division Cycle 42 (CDC42) Antibody

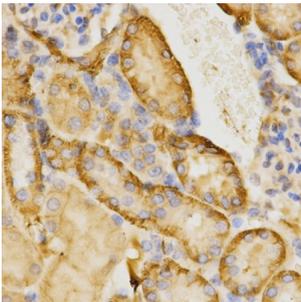
Catalogue No.: abx001102



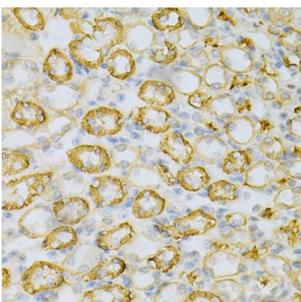
Western blot analysis of extracts of various cell lines, using CDC42 antibody (abx001102) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded human kidney using CDC42 Antibody (abx001102) at dilution of 1/200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using CDC42 Antibody (abx001102) at dilution of 1/200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using CDC42 Antibody (abx001102) at dilution of 1/200 (40x lens).

CDC42 Antibody is a Rabbit Polyclonal antibody against CDC42. 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.

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Target:	CDC42
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Recombinant protein of human CDC42.
Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 21 kDa Observed MW: 21 kDa
Swiss Prot:	P60953
GeneID:	998
Gene Symbol:	CDC42
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.