

Datasheet for ABIN2855436
anti-CDC42BPA antibody[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CDC42BPA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42BPA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MRCK alpha. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to MRCK alpha (CDC42 binding protein kinase alpha (DMPK-like)) MRCK alpha antibody
Purification:	Affinity purified by Protein A.

Target Details

Target:	CDC42BPA
Alternative Name:	CDC42 binding protein kinase alpha (CDC42BPA Products)

Target Details

Background: The protein encoded by this gene is a member of the Serine/Threonine protein kinase family. This kinase contains multiple functional domains. Its kinase domain is highly similar to that of the myotonic dystrophy protein kinase (DMPK). This kinase also contains a Rac interactive binding (CRIB) domain, and has been shown to bind CDC42. It may function as a CDC42 downstream effector mediating CDC42 induced peripheral actin formation, and promoting cytoskeletal reorganization. Multiple alternatively spliced transcript variants have been described, and the full-length nature of two of them has been reported.

Cellular Localization: Cytoplasm (By similarity)

Molecular Weight: 197 kDa

Gene ID: 8476

UniProt: [Q5VT25](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: U87-MG

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2 mg/mL

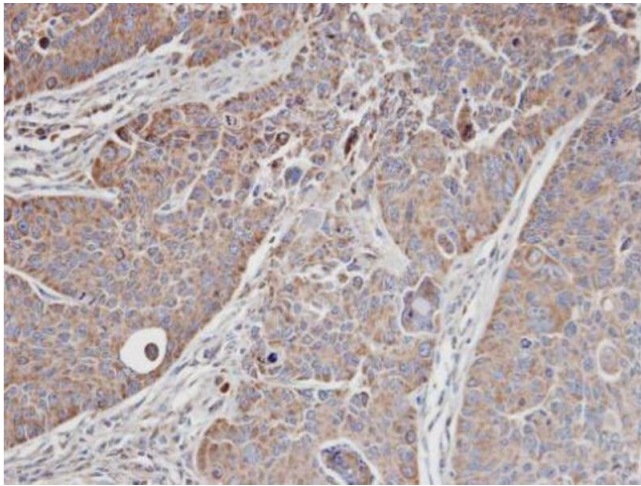
Buffer: 1XPBS (pH 7), 40 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

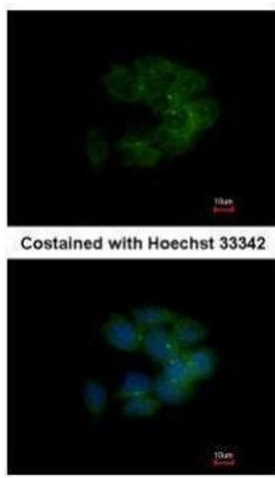
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



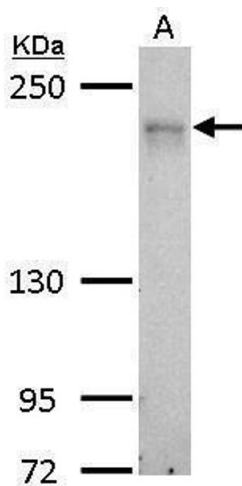
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using MRCK alpha, antibody at 1:100 dilution.



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of methanol-fixed HCT116, using MRCK alpha, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image MRCK alpha antibody detects CDC42BPA protein by Western blot analysis. A. 30 µg U87-MG whole cell lysate/extract 5 % SDS-PAGE MRCK alpha antibody , dilution: 1:1000