

Product datasheet for **TA372204**

CDC42 binding protein kinase alpha (CDC42BPA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A172 cell lysate IHC: 30-150 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CDC42BPA
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	197 kDa
Gene Name:	CDC42 binding protein kinase alpha
Database Link:	Entrez Gene 8476 Human Q5VT25



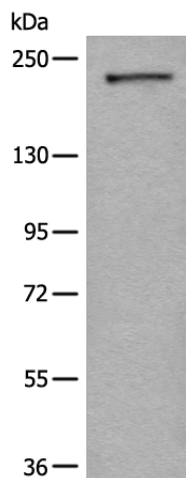
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Background:

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.

Synonyms:

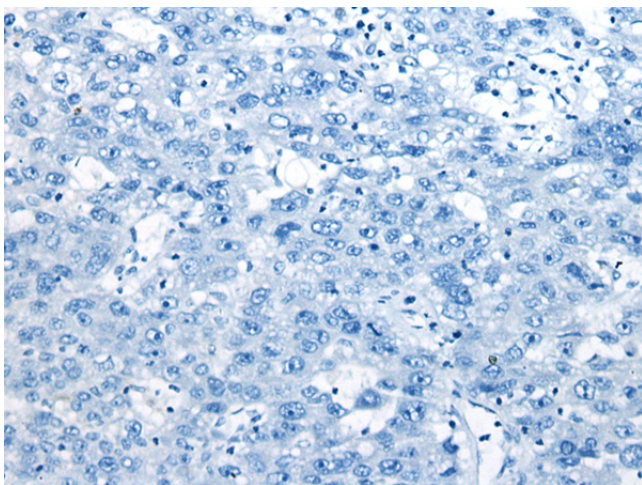
DKFZp686L1738; DKFZp686P1738; FLJ23347; KIAA0451; MRCK; MRCKA; PK428

Product images:

Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane: A172 cell lysate
Primary antibody: TA372204 (CDC42BPA Antibody) at dilution 1/600
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372204 (CDC42BPA Antibody) at dilution 1/45 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372204 (CDC42BPA Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: ×200)