

Product datasheet for **TA367965S**

CDC42 binding protein kinase alpha (CDC42BPA) Rabbit Polyclonal Antibody

Product data:

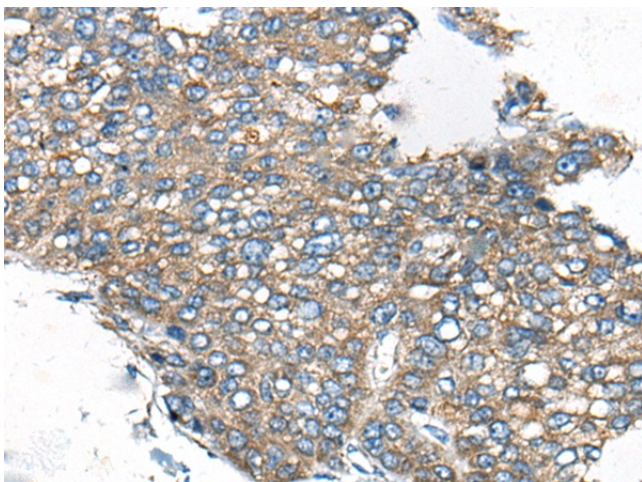
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 40-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CDC42BPA
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	CDC42 binding protein kinase alpha
Database Link:	Entrez Gene 8476 Human Q5VT25

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.

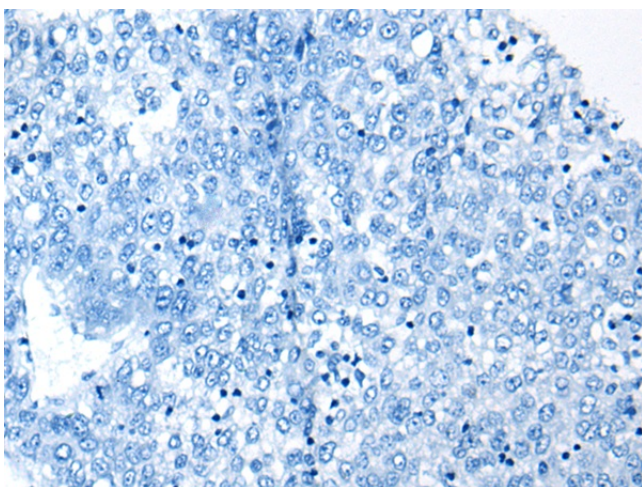
Synonyms: DKFZp686L1738; DKFZp686P1738; FLJ23347; KIAA0451; MRCK; MRCKA; PK428



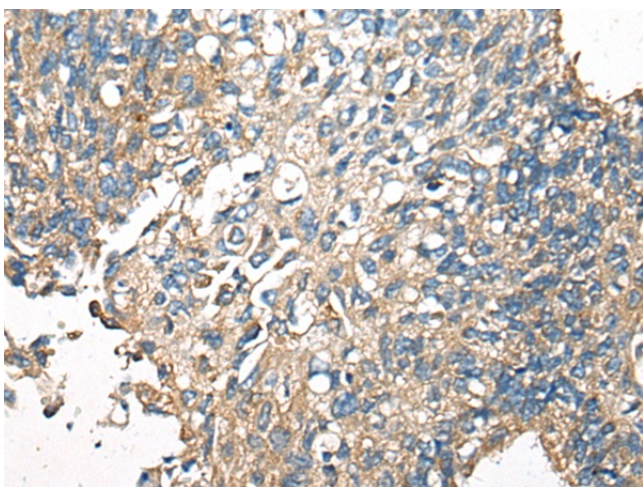
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Product images:

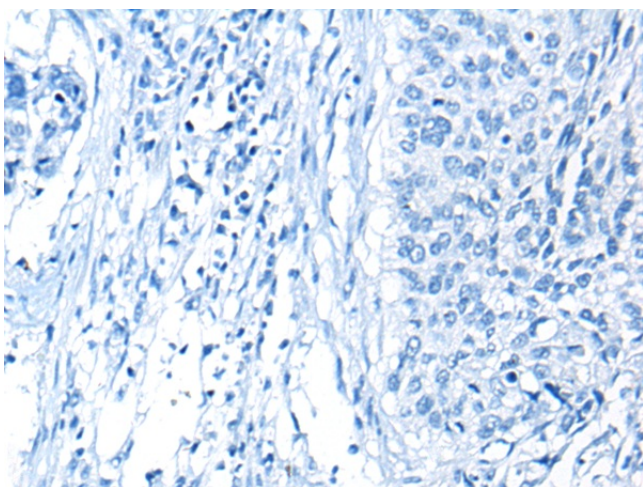
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA367965] (CDC42BPA Antibody) at dilution 1/60 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA367965] (CDC42BPA Antibody) at dilution 1/60, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA367965] (CDC42BPA Antibody) at dilution 1/60 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA367965] (CDC42BPA Antibody) at dilution 1/60, treated with synthetic peptide. (Original magnification: $\times 200$)