

## CDC42BPA RABBIT PAB

**Cat.#:** S221705

**Product Name:** Anti-CDC42BPA Rabbit Polyclonal Antibody

**Synonyms:** MRCK; MRCKA; PK428

**UNIPROT ID:** Q5VT25 (Gene Accession - XP\_005273381)

**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.

**Immunogen:** Synthetic peptide of human CDC42BPA

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 30-150;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

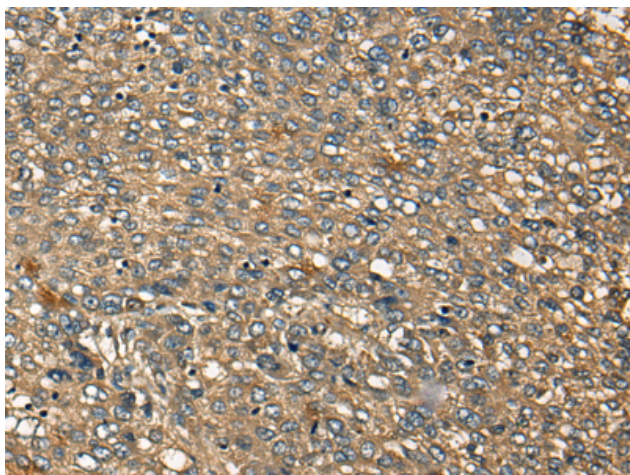
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

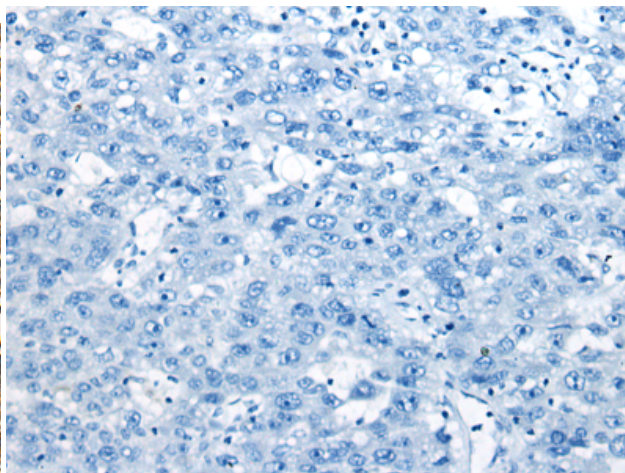
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

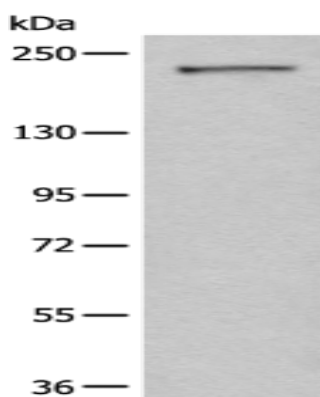
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221705(CDC42BPA Antibody) at a dilution of 1/45(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221705(Anti-CDC42BPA Antibody) at dilution 1/45.



Gel: 6%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: A172 cell lysate;  
Primary antibody: 221705(CDC42BPA Antibody) at dilution 1/600;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 5 minutes