

## PDCD10 RABBIT PAB

**Cat.#:** S216719

**Product Name:** Anti-PDCD10 Rabbit Polyclonal Antibody

**Synonyms:** CCM3; TFAR15

**UNIPROT ID:** Q9BUL8 (Gene Accession - BC002506 )

**Background:** This gene encodes an evolutionarily conserved protein associated with cell apoptosis. The protein interacts with the serine/threonine protein kinase MST4 to modulate the extracellular signal-regulated kinase (ERK) pathway. It also interacts with and is phosphorylated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular development. Mutations in this gene are one cause of cerebral cavernous malformations, which are vascular malformations that cause seizures and cerebral hemorrhages. Multiple alternatively spliced variants, encoding the same protein, have been identified.

**Immunogen:** Fusion protein of human PDCD10

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 100-200;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

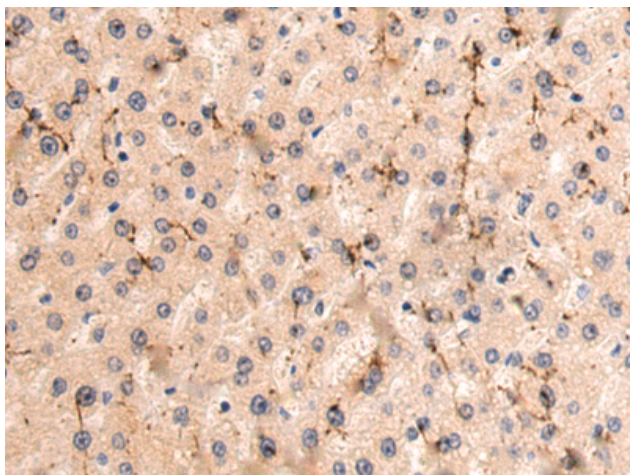
**Purification:** Antigen affinity purification

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

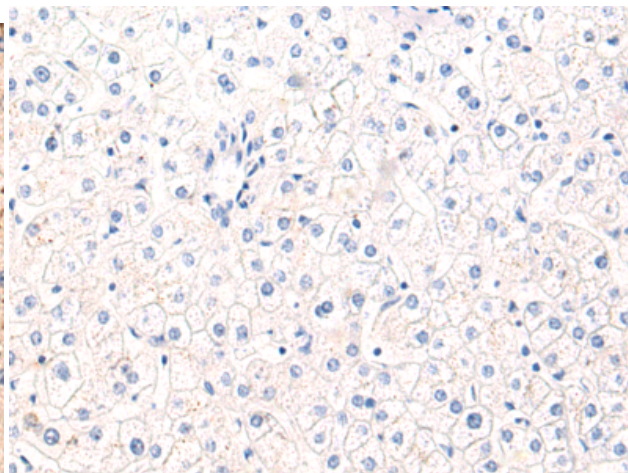
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cancer, Neuroscience, Developmental Biology

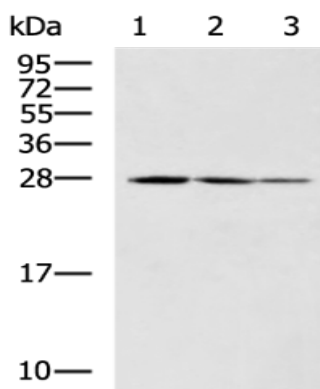
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 216719(PDCD10 Antibody) at a dilution of 1/140(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 216719(Anti-PDCD10 Antibody) at dilution 1/140.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-3: HepG2, K562, 231 cell lysates;  
 Primary antibody: 216719(PDCD10 Antibody) at dilution 1/1000;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 90 seconds