

## PIN1 RABBIT PAB

**Cat.#:** S217694

**Product Name:** Anti-PIN1 Rabbit Polyclonal Antibody

**Synonyms:** DOD; UBL5

**UNIPROT ID:** Q13526 (Gene Accession - BC002899)

**Background:** Peptidyl-prolyl cis/trans isomerases (PPIases) catalyze the cis/trans isomerization of peptidyl-prolyl peptide bonds. This gene encodes one of the PPIases, which specifically binds to phosphorylated ser/thr-pro motifs to catalytically regulate the post-phosphorylation conformation of its substrates. The conformational regulation catalyzed by this PPIase has a profound impact on key proteins involved in the regulation of cell growth, genotoxic and other stress responses, the immune response, induction and maintenance of pluripotency, germ cell development, neuronal differentiation, and survival.

**Immunogen:** Fusion protein of human PIN1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 200-1000;ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

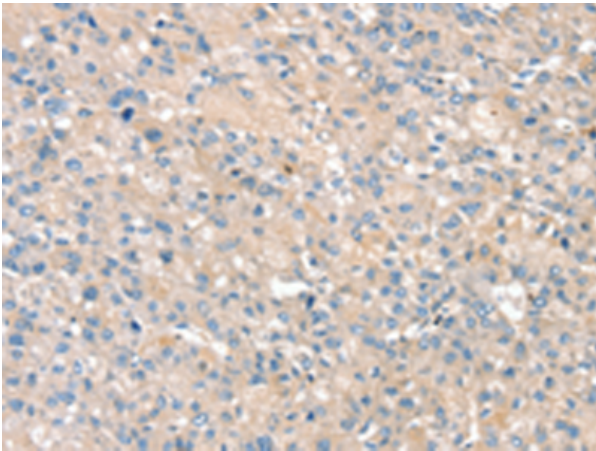
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

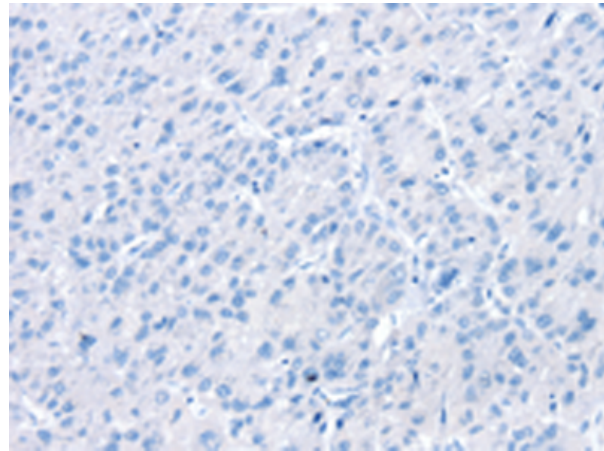
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cancer, Neuroscience

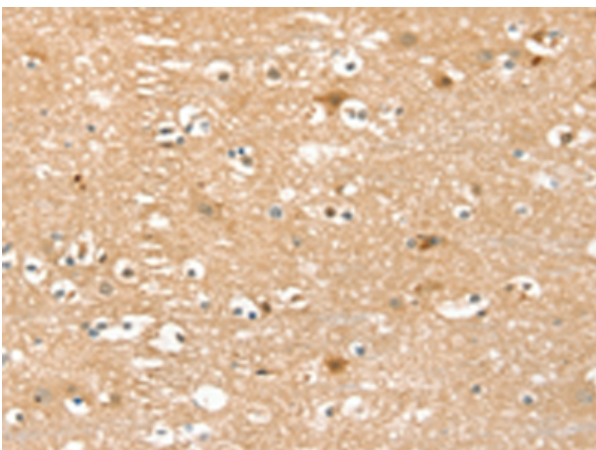
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



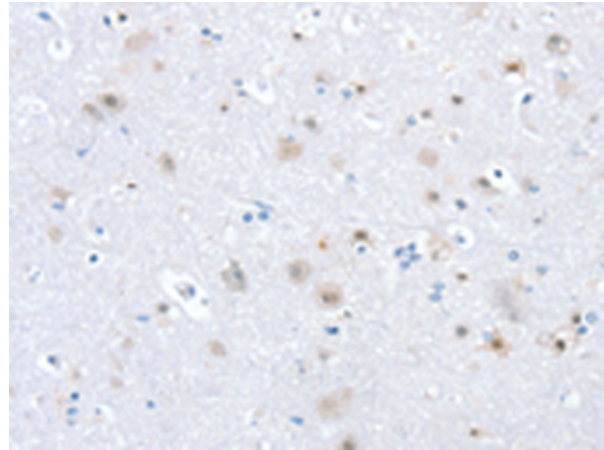
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217694 (PIN1 Antibody) at a dilution of 1/25 (Cytoplasm).



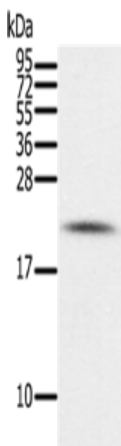
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217694 (Anti-PIN1 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 217694 (Anti-PIN1 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with fusion protein and then with D222878 (Anti-PIN1 Antibody) at dilution 1/25.



Gel: 12% SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: Mouse brain tissue;  
Primary antibody: 217694 (PIN1 Antibody) at dilution 1/300;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 minute



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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