

## PCP4 RABBIT PAB

**Cat.#:** S216224

**Product Name:** Anti-PCP4 Rabbit Polyclonal Antibody

**Synonyms:** PEP-19

**UNIPROT ID:** P48539 (Gene Accession - BC013791 )

**Background:** Functions as a modulator of calcium-binding by calmodulin. Thereby, regulates calmodulin activity and the different processes it controls (PubMed:19106096, PubMed:23204517, PubMed:27876793). For instance, may play a role in neuronal differentiation through activation of calmodulin-dependent kinase signaling pathways (PubMed:21491429).

**Immunogen:** Fusion protein of human PCP4

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 200-400; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

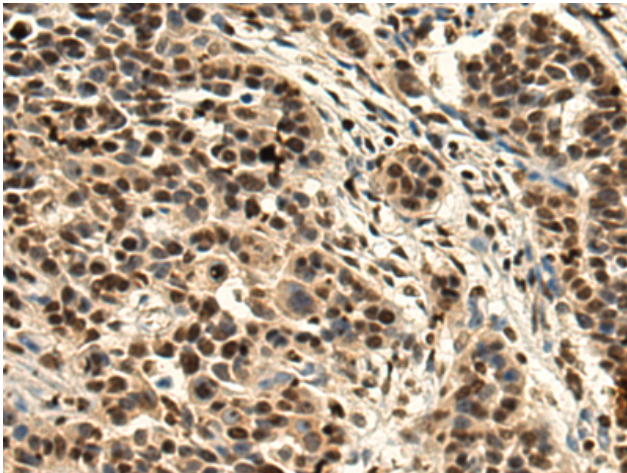
**Purification:** Antigen affinity purification

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

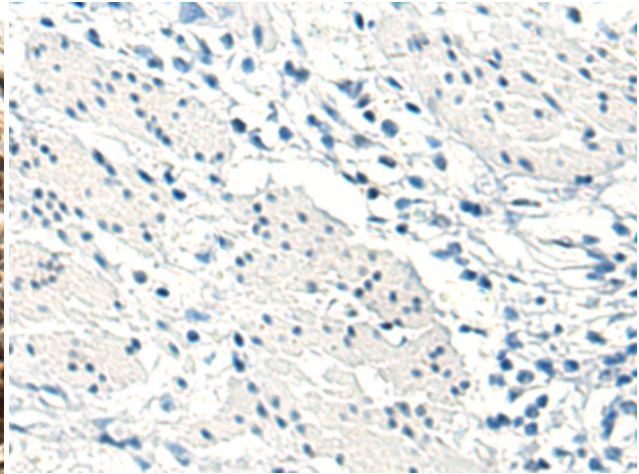
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Neuroscience

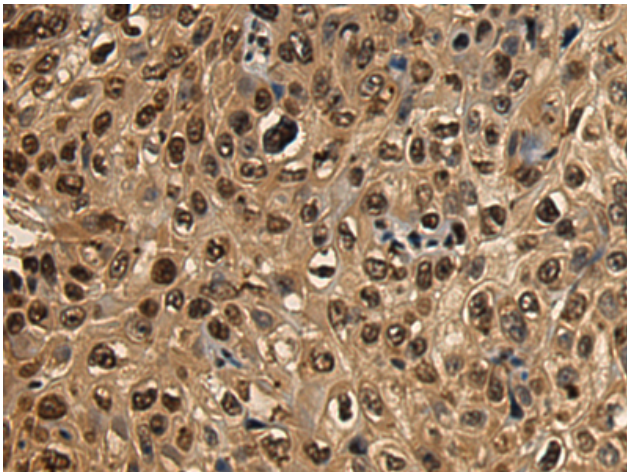
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



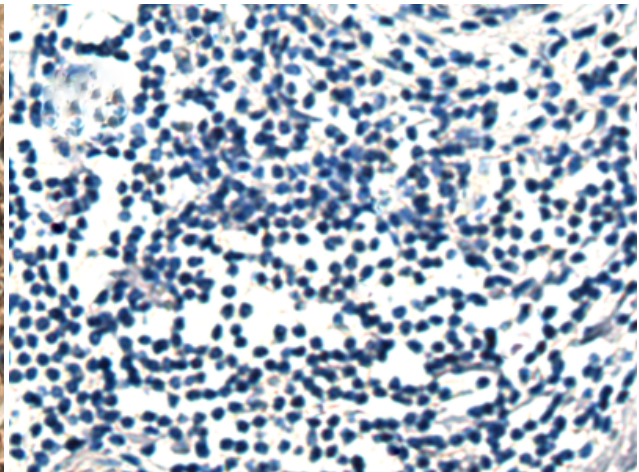
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 216224(PCP4 Antibody) at a dilution of 1/160(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 216224(Anti-PCP4 Antibody) at dilution 1/160.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 216224(Anti-PCP4 Antibody) at a dilution of 1/160.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D220025(Anti-PCP4 Antibody) at dilution 1/160.