

## OTC RABBIT PAB

**Cat.#:** S217663

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

**Synonyms:** OCTD

**UNIPROT ID:** P00480 (Gene Accession - BC107154 )

**Background:** This nuclear gene encodes a mitochondrial matrix enzyme. Missense, nonsense, and frameshift mutations in this enzyme lead to ornithine transcarbamylase deficiency, which causes hyperammonemia. Since the gene for this enzyme maps close to that for Duchenne muscular dystrophy, it may play a role in that disease also.

**Immunogen:** Fusion protein of human OTC

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

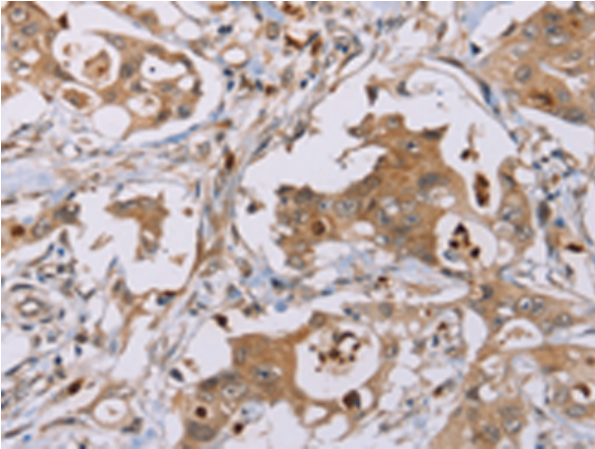
**Purification:** Antigen affinity purification

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

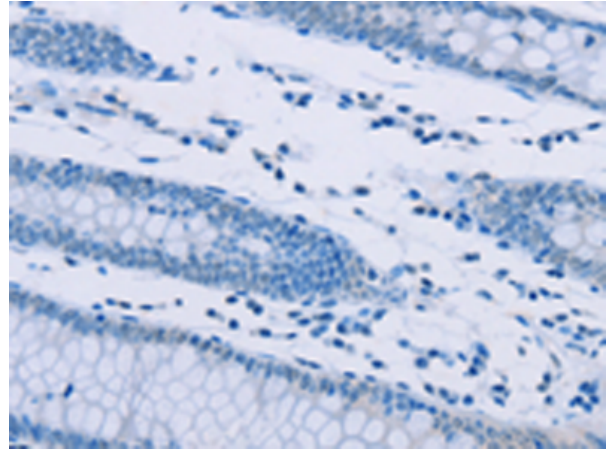
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

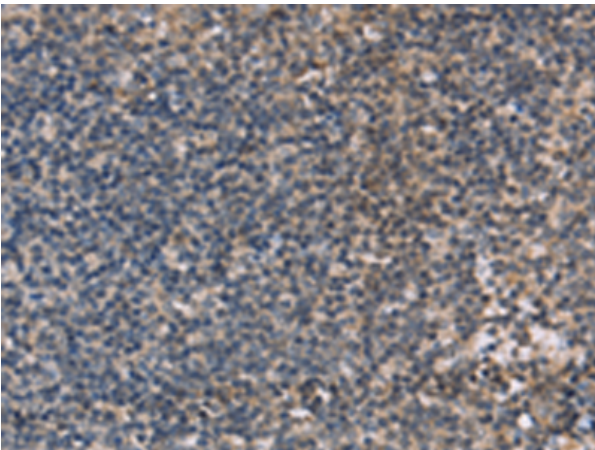
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



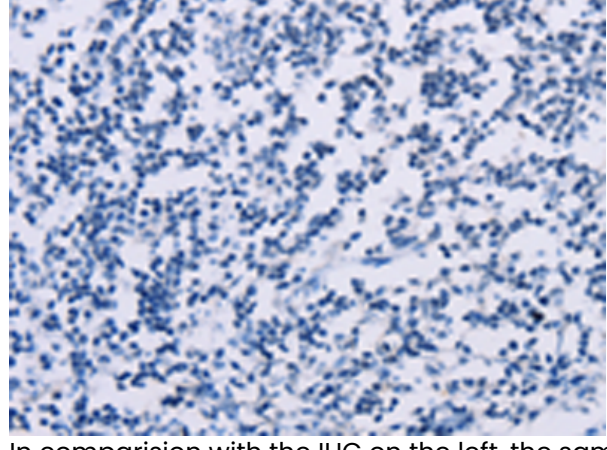
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 217663(OTC Antibody) at a dilution of 1/40(Cytoplasm).



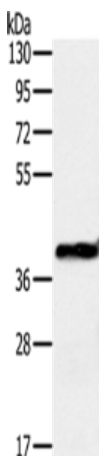
In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 217663(Anti-OTC Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 217663(Anti-OTC Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D222813(Anti-OTC Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane: Mouse liver tissue;  
Primary antibody: 217663(OTC Antibody) at dilution 1/650;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 second



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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