

## APC RABBIT PAB

**Cat.#:** S221795

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

**Synonyms:** GS; DP2; DP3; BTPS2; DESMD; DP2.5; PPIR46

**UNIPROT ID:** P25054 (Gene Accession - NP\_000029 )

**Background:** This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling pathway. It is also involved in other processes including cell migration and adhesion, transcriptional activation, and apoptosis. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Mutations in the APC gene have been found to occur in most colorectal cancers, where disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product. [provided by RefSeq, Jun 2022]

**Immunogen:** Synthetic peptide of human APC

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-100; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

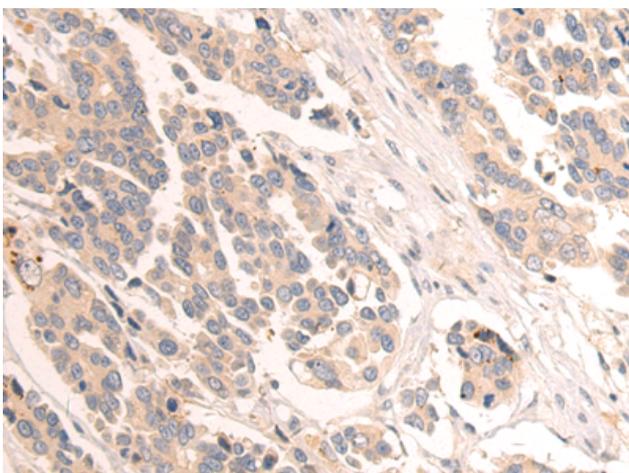
**Purification:** Antigen affinity purification

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

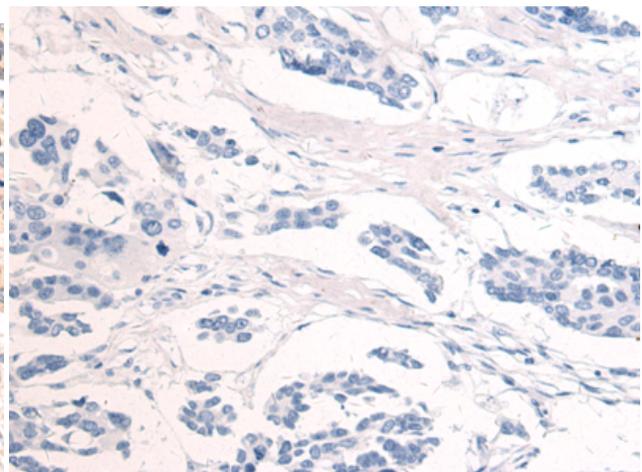
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Cancer, Neuroscience, Cardiovascular, Signal Transduction

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



Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 221795 (APC Antibody) at a dilution of 1/50 (Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the synthetic peptide and then with 221795 (Anti-APC Antibody) at dilution 1/50.



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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