

AXIN2 RABBIT PAB

Cat.#: S217197

Product Name: Anti-AXIN2 Rabbit Polyclonal Antibody

Synonyms: AXIL; ODCRCS

UNIPROT ID: Q9Y2T1 (Gene Accession - BC006295)

Background: The Axin-related protein, Axin2, presumably plays an important role in the regulation of the stability of beta-catenin in the Wnt signaling pathway, like its rodent homologs, mouse conductin/rat axil. In mouse, conductin organizes a multiprotein complex of APC (adenomatous polyposis of the colon), beta-catenin, glycogen synthase kinase 3-beta, and conductin, which leads to the degradation of beta-catenin. Apparently, the deregulation of beta-catenin is an important event in the genesis of a number of malignancies. The AXIN2 gene has been mapped to 17q23-q24, a region that shows frequent loss of heterozygosity in breast cancer, neuroblastoma, and other tumors. Mutations in this gene have been associated with colorectal cancer with defective mismatch repair.

Immunogen: Fusion protein of human AXIN2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

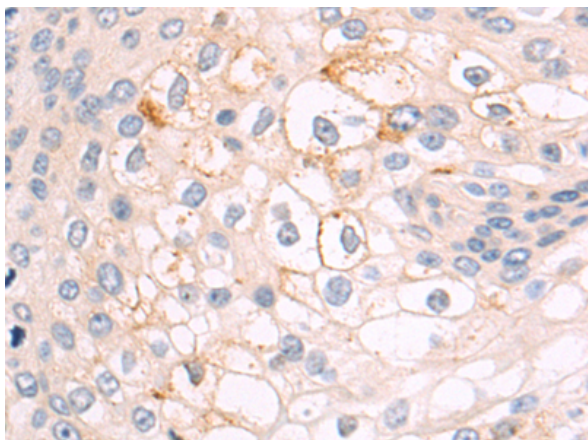
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

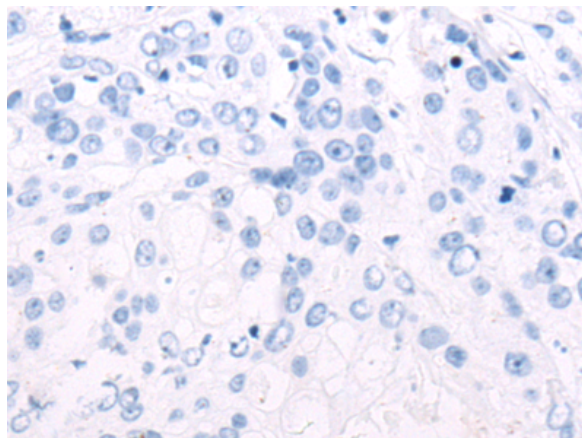
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

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

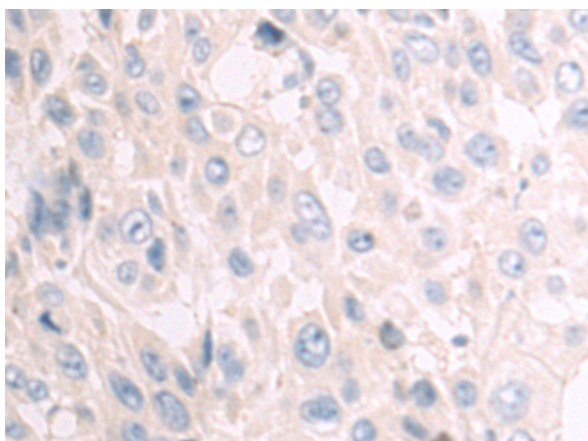
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



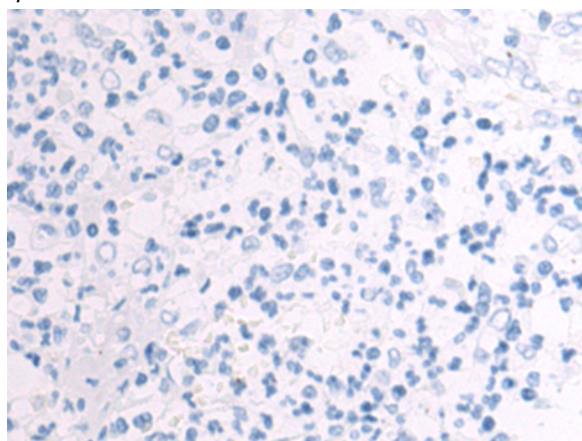
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 217197 (AXIN2 Antibody) at a dilution of 1/75 (Cytoplasm).



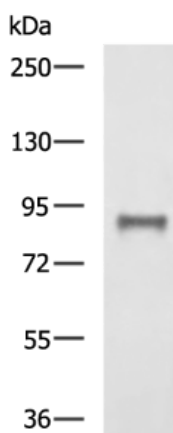
In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 217197 (Anti-AXIN2 Antibody) at dilution 1/75.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 217197 (Anti-AXIN2 Antibody) at a dilution of 1/75.



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 D221962 (Anti-AXIN2 Antibody) at dilution 1/75.



Gel: 6% SDS-PAGE, Lysate: 40 µg;
 Lane: Human ileum tissue lysate ;
 Primary antibody: 217197 (AXIN2 Antibody) at dilution 1/700;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 1 minute



Product Description

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