

B-CATENIN PAB

β-Catenin Polyclonal Antibody

货号: 21282

基因符号: CTNNB1, CTNNB

描述: β-catenin Rabbit Polyclonal Antibody

背景: Beta-catenin (or β-catenin) is a protein that in humans is encoded by the CTNNB1 gene. β-catenin is a subunit of the cadherin protein complex and also acts as an intracellular signal transducer in the Wnt signaling pathway. Deregulation of beta-catenin signaling is an important event in the genesis of a number of malignancies, such as colon cancer, melanoma, hepatocellular carcinoma, ovarian cancer, endometrial cancer, medulloblastoma pilomatricomas, and prostate cancer.

免疫原: A synthetic peptide from the internal region of β-catenin.

经过测试的应用: ELISA, WB, IF, IHC

推荐稀释度:

ELISA: 1:1000-1:5000

WB: 1:500-1:2000

IHC: 1:50-1:100

浓度: 1 mg/ml

种属反应性: Rabbit

形式: Liquid

克隆性: Polyclonal

亚型: IgG

纯化: Purified from serum

Preservative: No

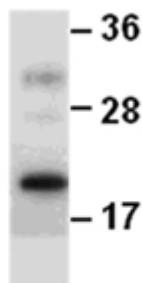
成分: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes β-catenin from vertebrates.

储存条件: Store at -20°C. Avoid repeated freezing and thawing

Western blot:

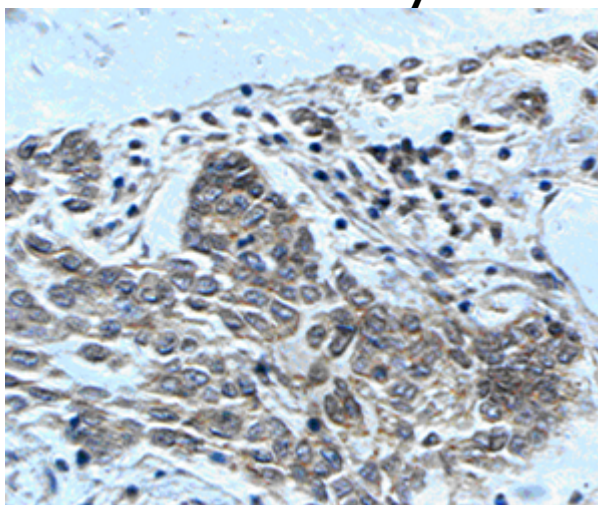
β -catenin protein



WB: Anti- β -Catenin pAb

Western blot analysis of recombinant β -catenin protein. Purified His-tagged β -catenin protein (amino acids 1-76) was blotted with β -catenin rabbit polyclonal antibody (货号21282).

Immunohistochemistry:



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue with β -catenin polyclonal antibody (货号21282). Tissue samples were fixed with formaldehyde and blocked with 1% serum for 15 min at 37 °C. Antigen retrieval was by heat mediation in citrate buffer (pH6). Samples were then incubated with primary antibody (1:50 dilution) overnight at 4°C. A HRP-conjugated Goat mouse IgG (1:50 dilution) was used as secondary antibody.