

Beta-Catenin Recombinant antibody

Cat:B32127R

Company: Haokebio

Uniprot ID:P35222

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Beta-Catenin is a key regulatory protein in Wnt signaling, a pathway that transmits signals from the cytoplasm to the nucleus, turning on the expression of specific genes in the nucleus. Under normal conditions, Beta-Catenin exists mainly in the cell membrane of normal cells, and gene mutations lead to accumulation in the nucleus. At present, Beta-Catenin gene mutation has been found in various tumors, such as colon cancer, lung cancer, prostate cancer, esophageal cancer, breast cancer, ovarian cancer, endometrial cancer, familial adenomatous polyposis, solid pseudopapilloma of pancreas, etc. High levels of nucleus positivity are seen in desmoid fibromatosis, isolated fibrous tumors, synovial sarcomas and endometrial stromal sarcomas, and carcinosarcomas. It is mainly used for the diagnosis, invasion and metastasis of malignant tumor.

Protein full name:

catenin (cadherin-associated protein), beta 1, 88kDa

Synonyms:

β cat, B-catenin, beta-Catenin, Catenin beta 1, Catenin beta-1

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm, Cell membrane, Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 μg/ml BSA and 50% glycerol.

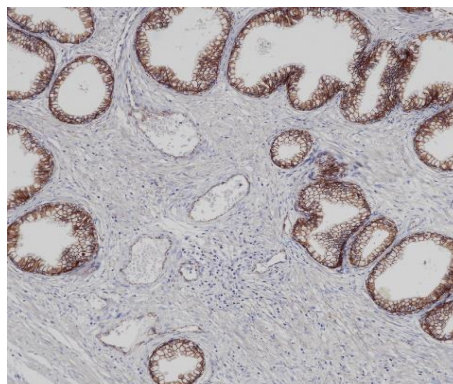
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human prostate tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Beta-Catenin(B32127R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Beta-Catenin(B32127R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.