

p120 Recombinant antibody

Cat:B32063R
Company: Haokebio

Uniprot ID:O60716

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

α -catenin and β -catenin bind to the intracellular domain of E-cadherin, while p120 binds to the juxtamembrane domain of E-cadherin; this binding is extremely stable. In cells, p120 binds directly to the carboxyl terminus of E-cadherin, and it may bind to other cadherins through this same mechanism. In colorectal cancer, the p120 protein often undergoes a localization change due to the loss of E-cadherin protein in cells, leading to its accumulation in the cytoplasm. Studies have shown that p120 can be used to distinguish between breast lobular carcinoma and breast ductal carcinoma; furthermore, it can be used to differentiate between low-grade ductal carcinoma in situ (LG-DCIS) and breast lobular carcinoma. Further studies have demonstrated that the expression of p120 antibody can be used to assess the outcome of invasive breast cancer. Generally, strong p120 expression indicates a poor prognosis for patients.

Protein full name:

catenin (cadherin-associated protein), delta 1

Synonyms:

CTNND1, Cadherin-associated Src substrate, CAS, Catenin delta 1, Catenin delta-1

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

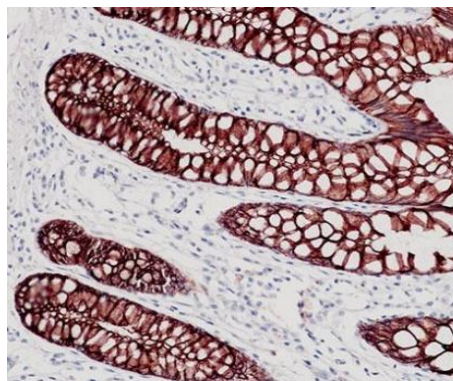
Storage:

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 colon tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:p120(B32063R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.