

N-Cadherin Recombinant antibody

Cat: B14004R

Company: HaoKebio

Uniprot ID: P19022

Applications: IHC:1:200-1:500

Organism: Rabbit

IHC-Polymer:1:800-1:2000

Species reactivity: Human Mouse Rat

IHC-TSA:1:1000-1:2500

WB:1:500-1:1000

Background:

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. N-cadherin (neural cadherin), also known as CDH2 (cadherin 2), is a 130-kDa transmembrane protein and a classical member of the cadherin superfamily which also include E-, P-, R-, and B-cadherins. Expression of N-cadherin has been reported on various cell types including neurons, endothelial cells and cardiac myocytes. N-cadherin has functions in early brain morphogenesis, synaptogenesis and synaptic plasticity. The N-cadherin ectodomain can be cleaved, leading to the generation of a 90 kD N-terminal fragment.

Protein full name:

cadherin 2, type 1, N-cadherin (neuronal)

Synonyms:

1D8B3, Cadherin 2, Cadherin-2, CD325, CDH2

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

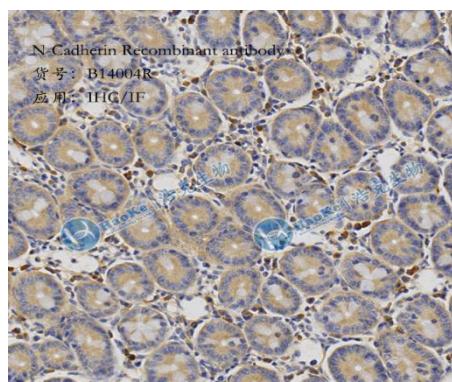
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0), 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: Mouse kidney, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:N-Cadherin(B14004R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:N-Cadherin(B14004R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.