

PICK1 Recombinant antibody

Cat: B36178S

Company: HaoKebio

Uniprot ID: Q9NRD5

Applications: IHC:1:400-1:1600

Organism: Rabbit

IHC-Polymer:1:1600-1:6400

Species reactivity: Human Mouse Rat

IHC-TSA:1:2000-1:8000

Molecular Weight Calculation: 47 kDa

IF:1:50-1:100

Observed Molecular Weight: 50 kDa

WB:1:1000-1:8000

FC:1:200-1:600

Background:

Protein interacting with C kinase 1 (PICK1) was first cloned as a PKC-binding partner through yeast two hybrid system. PICK1 acts as a critical regulator of membrane receptors' subcellular trafficking to modulate neural processes such as learning and memory, and is widely expressed in brain, testis, heart, lung, liver, kidney and muscle. It probably binds to and organize the subcellular localization of a variety of membrane proteins containing some PDZ recognition sequence, for instance, PICK1 is a critical mediator of α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor (AMPA) trafficking in neural synapses. PICK1 expression on D-serine release and glutamate transport in astrocytes suggests a potential implication of PICK1 in the progression of amyotrophic lateral sclerosis (ALS). PICK1 may also participate in breast cancer development through inhibition of TGF- β signaling.

Synonyms:

230185B8, PICK, PRKCA binding protein, PRKCA-binding protein, PRKCABP

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

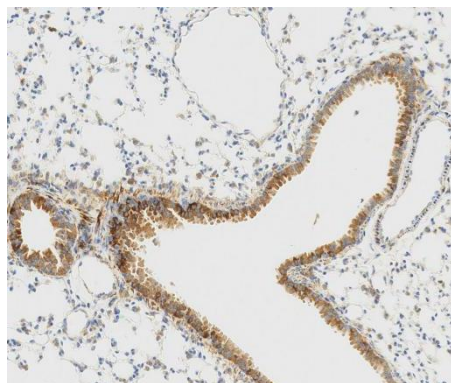
Storage:

Store at -20 °C for one year.

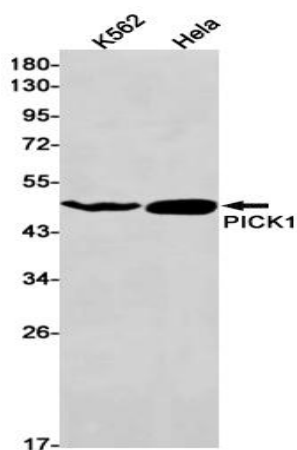
Experimental procedure:

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: Mouse lung, 4% PFA 12-24h



Dilution of 1:8000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:PICK1(B36178S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:PICK1(B36178S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.