

Cardiac Troponin T Recombinant antibody

Cat: B36473S

Company: HaoKebio

Uniprot ID: P45379

Applications: IHC:1:1000-1:4000

Organism: Rabbit

IHC-Polymer:1:4000-1:16000

Species reactivity: Human Mouse

IHC-TSA:1:5000-1:20000

Molecular Weight Calculation: 36 kDa

IF:1:50-1:200

Observed Molecular Weight: 34-40 kDa

WB:1:5000-1:50000

Background:

Cardiac Troponin T, also named as cTnT, TNNT2. This gene encodes the cardiac isoform of troponin T. The encoded protein is the tropomyosin-binding subunit of the troponin complex, which is located on the thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Cardiac Troponin T can be detected as about 34-40 kDa.

Synonyms:

cTnT, TNNT2, Troponin T, cardiac muscle

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

Storage:

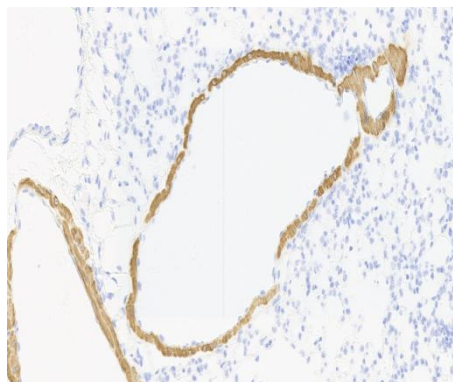
Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium

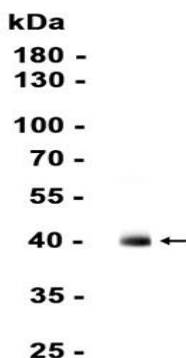
dium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse lung, 4% PFA 12-24h

Mouse heart



Dilution of 1:20000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:Cardiac Troponin T(B36473S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Cardiac Troponin T(B36473S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

