

BCAT2 Recombinant antibody

Cat:B36431S

Company: HaoKebio

Uniprot ID:O15382

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: 44 kDa

IF:1:50-1:100

Observed Molecular Weight: 38 kDa

WB:1:5000-1:50000

Background:

Branched-chain amino acid transaminase 2 (BCAT2) is an important enzyme in branched-chain amino acids (BCAAs) catabolism that reversibly catalyzes the initial step of BCAA degradation to branched-chain acyl-CoA. In humans, BCAT2 encodes a mitochondrial protein that is ubiquitously expressed in all organs (except hepatocytes). Moreover, other reports showed that overexpressed BCAT2 in pancreatic ductal adenocarcinoma (PDAC) cells enhanced cell proliferation and survival in vitro and in vivo.

Synonyms:

Branched-chain-amino-acid aminotransferase, mitochondrial, EC:2.6.1.42, ECA40, Placental protein 18, PP18

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.

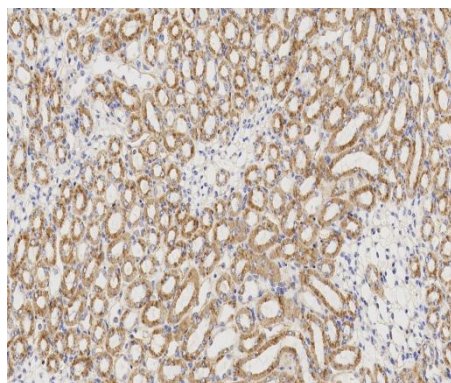
Storage:

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 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:

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发表[英文论文]请标注:BCAT2(B36431S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.