

AK2 Recombinant antibody

Cat:B36423S**Company:** HaoKebio**Uniprot ID:**P54819**Applications:** IHC:1:500-1:2000**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity:Human Mouse Rat

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 26 kDa

IF:1:50-1:100

Observed Molecular Weight: 26 kDa

WB:1:5000-1:50000

Background:

AK2(Adenylate kinase 2, mitochondrial) is also named as ADK2 and belongs to the adenylate kinase family. It plays a unique role in energy metabolism and energy transfer by regulating the ATP/ADP rate between the cytoplasmic matrix and the mitochondria and it is increased expression during adipocyte and B cell differentiation. AK2 catalyzes the reversible transfer of a phosphoryl group from ATP to AMP. Defects in AK2 are the cause of reticular dysgenesis (RDYS). It has 6 isoforms produced by alternative splicing.

Synonyms:

242899H7, adenylate kinase 2, Adenylate kinase 2, mitochondrial, N-terminally processed, Adenylate monophosphate kinase, ADK2

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

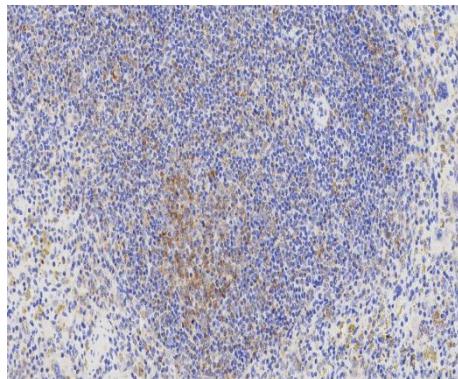
PBS with 0.02% sodium azide,100 μg/ml BSA and 50% glycerol.

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 spleen, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:AK2(B36423S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:AK2(B36423S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.