

HSP47 Recombinant antibody

Cat: B36310S

Company: HaoKebio

Uniprot ID: P50454

Applications: IHC:1:200-1:800

Organism: Rabbit

IHC-Polymer:1:800-1:3200

Species reactivity: Human Mouse

IHC-TSA:1:1000-1:4000

Molecular Weight Calculation: 46 kDa

IF:1:50

Observed Molecular Weight: 46 kDa

WB:1:5000-1:50000

Background:

HSP47 is also named as Serpin H1, colligen, CB P1, CBP2, HSP47, SERPINH2 and belongs to the serpin family. This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The encoded protein is localized to the endoplasmic reticulum. It binds specifically to collagen and can be involved as a chaperone in the biosynthetic pathway of collagen. Autoantibodies to the encoded protein have been found in patients with rheumatoid arthritis. HSP47 has a calculated molecular weight of 46 kDa.

Synonyms:

HSP47, SERPINH1, 240752F6, 47 kDa heat shock protein, Arsenic-transactivated protein 3

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.

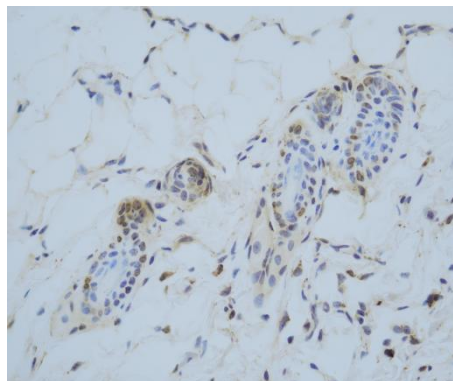
Storage:

Store at -20 °C for one year.

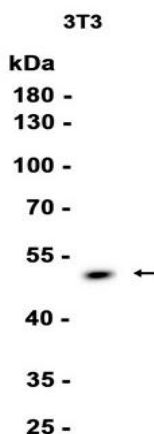
Experimental procedure:

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 skin, 4% PFA 12-24h



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:HSP47(B36310S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:HSP47(B36310S) were k
indly provided by Hangzhou Haoke Biotechnolo
gy Co., Ltd.