

C1QBP Recombinant antibody

Cat: B36129S

Company: HaoKebio

Uniprot ID: Q07021

Applications: IHC:1:50-1:500

Organism: Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity: Human Mouse Rat

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 282 aa, 31 kDa

WB:1:2000-1:10000

Observed Molecular Weight: 32-25 kDa

FC:1:100-1:300

Background:

C1QBP, also named as gC1q receptor (gC1qR), p32, p33, and hyaluronan-binding protein 1 (HABP1), is a protein initially copurified with splicing factor SF2. The protein is synthesized as a pro-protein of 282 amino acids (aa) that is post-translationally processed by removal of the initial 73 aa to a mature protein of 209 aa. C1QBP is an evolutionary conserved and ubiquitously expressed multifunctional protein and has been reported to be a predominantly mitochondrial matrix protein involved in inflammation and infection processes, mitochondrial ribosome biogenesis, regulation of apoptosis and nuclear transcription, and pre-mRNA splicing.

Synonyms:

gC1q R, 3K20, ASF/SF2-associated protein p32, Complement component 1 Q subcomponent-binding protein, mitochondrial, GC1q R protein

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.

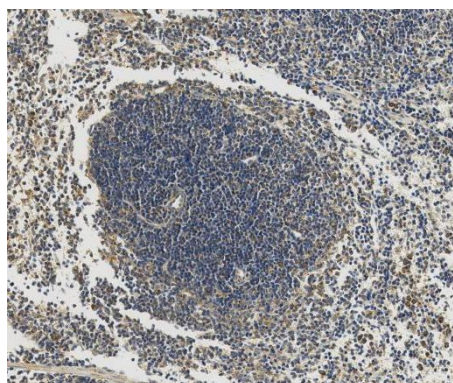
Storage:

Store at -20 °C for one year.

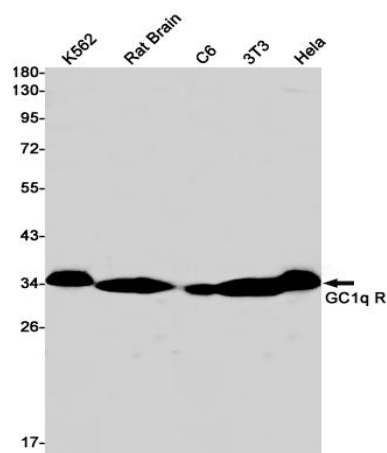
Experimental procedure:

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



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

Source of Reagents:

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发表[英文论文]请标注:C1QBP(B36129S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.