

For Research Use Only

# Cardinal Red™-conjugated C1QBP Polyclonal antibody



Catalog Number: **CR-24474** **Featured Product**

## Basic Information

**Catalog Number:**

CR-24474

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19773

**GenBank Accession Number:**

BC013731

**GeneID (NCBI):**

708

**UNIPROT ID:**

Q07021

**Full Name:**

complement component 1, q  
subcomponent binding protein

**Calculated MW:**

282 aa, 31 kDa

**Observed MW:**

32 kDa

**Purification Method:**

Antigen affinity purification

**Excitation/Emission maxima  
wavelengths:**

592 nm / 611 nm

## Applications

**Tested Applications:**

FC (Intra)

**Species Specificity:**

human, mouse, rat

## Background Information

C1QBP, also named as gC1q receptor (gC1qR), p32, p33, and hyaluronan-binding protein 1 (HABP1), is a protein initially copurified with splicing factor SF2 (PMID: 1830244). 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 (PMID: 8262387). 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 (PMID: 28942965).

## Storage

**Storage:**

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

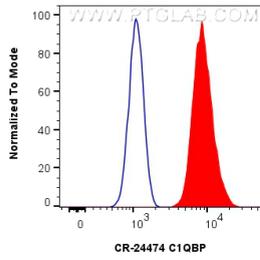
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.8 ug Cardinal Red™-conjugated C1QBP Polyclonal antibody (CR-24474)(red), or 0.8 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).