For Research Use Only

CoraLite® Plus 488-conjugated C1QBP Recombinant antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:CL488-80490

Basic Information

Catalog Number:
CL488-80490

Size:
100ul , Concentration: 1000 µg/ml by Nanodrop;

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:
Protein A purification

CloneNo.:
3K20

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF

Species Specificity:
Human, Mouse, Rat

Positive Controls:

IF/ICC : HeLa cells,

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).

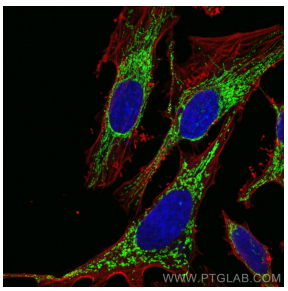
Storage

Storage:
Store at -20°C. Avoid exposure to light.
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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 C1QBP antibody (CL488-80490, Clone: 3K20) at dilution of 1:100, CoraLite®594 Beta Actin antibody (CL594-66009, Clone: 2D4H5, red).