For Research Use Only

CoraLite® Plus 488-conjugated RBM16 Polyclonal antibody

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

Catalog Number:CL488-18893

Basic Information

Catalog Number:
CL488-18893

Size:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG13499

GenBank Accession Number:
BC070071

GeneID (NCBI):
22828

UNIPROT ID:
Q9UPN6

Full Name:
RNA binding motif protein 16

Calculated MW:
1271 aa, 141 kDa

Observed MW:
170 kDa

Purification Method:
Antigen affinity purification

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

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human, mouse

Positive Controls:

IF/ICC : HeLa cells,

Background Information

RBM16, also named as SCAF8, CCAP7, KIAA1116, is a 1271 amino acid protein, which interacts with POLR2A. RBM16 may play a role in mRNA processing. Immunoblot analysis of the total rat liver nuclear and nuclear matrix protein fractions revealed a single band with an apparent molecular mass of 170 kDa. While the apparent molecular mass is slightly larger than the 140 kDa predicted from the cDNA sequence, we note that the protein is rich in proline residues (10%) and therefore may display aberrant mobility in SDS gel electrophoresis. (PMID: 9528809)

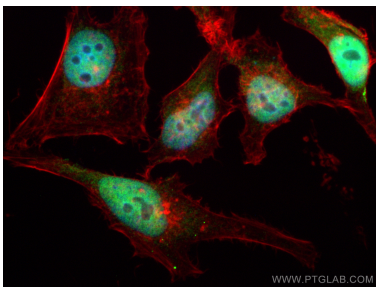
Storage

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

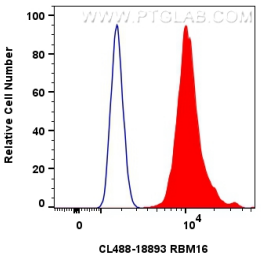
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 (4% PFA) fixed HeLa cells using CoraLite® Plus 488 RBM16 antibody (CL488-18893) at dilution of 1:200, CL594-Phalloidin (red).



1x10^6 HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488-conjugated RBM16 Polyclonal antibody (CL488-18893)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).