For Research Use Only

CoraLite® Plus 647-conjugated RRBP1 Polyclonal antibody

Catalog Number:CL647-22015

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL647-22015

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16648

GenBank Accession Number:
BC128577

GeneID (NCBI):
6238

UNIPROT ID:
Q9P2E9

Full Name:
ribosome binding protein 1 homolog 180kDa (dog)

Calculated MW:
1410 aa, 152 kDa

Observed MW:
180 kDa

Purification Method:
Antigen affinity purification

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

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human, mouse

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

Ribosome-binding protein 1 (RRBP1) is an endoplasmic reticulum membrane protein. It is a 1410 amino acid protein composed of a hydrophobic NH2-terminus that includes a transmembrane domain, a highly conserved tandem repeat (ribosome-binding domain), and an acidic coiled-coil COOH-terminal domain. RRBP1 acts as a ribosome receptor and mediates interaction between the ribosome and the endoplasmic reticulum membrane. It is also involved in early cardiac morphogenesis. (PMID: 22709790; 8812507; 7686155)

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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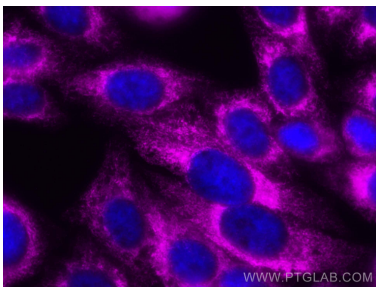
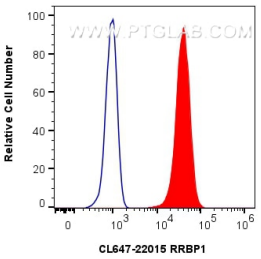
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 647 RRBP1 antibody (CL647-22015) at dilution of 1:100.



1X10^6 HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 647 Anti-Human RRBP1 (CL647-22015) (red), or 0.8 ug CoraLite® Plus 647-conjugated Rabbit IgG control Rabbit PolyAb (CL647-30000, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).