For Research Use Only

CoraLite®555-conjugated RRBP1 Polyclonal antibody

Catalog Number:CL555-22015 Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL555-22015

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 Purified

Recommended Dilutions:
IF/ICC: 1:50-1:500
FC (Intra): 0.80 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
557 nm / 570 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human, mouse

Positive Controls:

IF/ICC : HeLa cells,

FC (Intra) : HeLa 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)

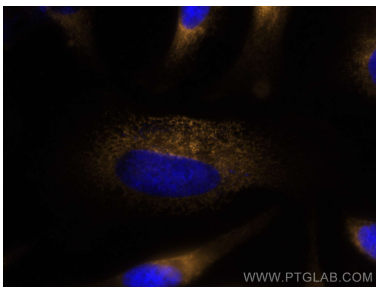
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

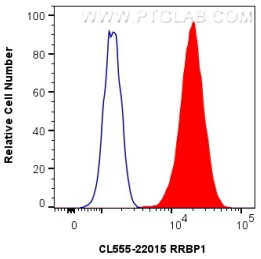
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 (-20°C Methanol) fixed HeLa cells using CoraLite®555 RRBP1 antibody (CL555-22015) at dilution of 1:200.



1x10^6 HeLa cells were intracellularly stained with 0.8 ug CoraLite®555-conjugated RRBP1 Polyclonal antibody (CL555-22015)(red), or 0.8 ug CoraLite®555-conjugated Rabbit IgG control Rabbit PolyAb (CL555-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.