

For Research Use Only

CoraLite®594-conjugated RRBP1 Polyclonal antibody



Catalog Number:CL594-22015

Basic Information

Catalog Number: CL594-22015	GenBank Accession Number: BC128577	Purification Method: Antigen Affinity Purified
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6238	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: ribosome binding protein 1 homolog 180kDa (dog)	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Isotype: IgG	Calculated MW: 1410 aa, 152 kDa	
Immunogen Catalog Number: AG16648	Observed MW: 180 kDa, 109 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HepG2 cells,
Species Specificity: human, mouse	

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

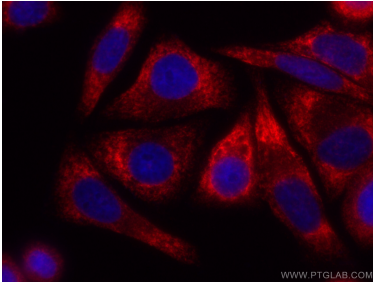
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

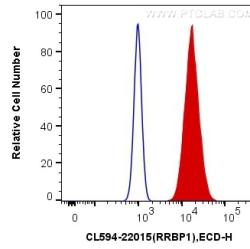
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594-conjugated RRBP1 antibody (CL594-22015) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human RRBP1 (CL594-22015) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).