

For Research Use Only

RRBP1 Recombinant antibody

Catalog Number: 82890-1-RR



Basic Information

Catalog Number: 82890-1-RR	GenBank Accession Number: BC128577	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6238	CloneNo.: 230159G6
Source: Rabbit	Full Name: ribosome binding protein 1 homolog 180kDa (dog)	Recommended Dilutions: IF 1:500-1:2000
Isotype: IgG	Calculated MW: 1410 aa, 152 kDa	
Immunogen Catalog Number: AG16648	Observed MW: 108, 152kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : NIH/3T3 cells, HeLa 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. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

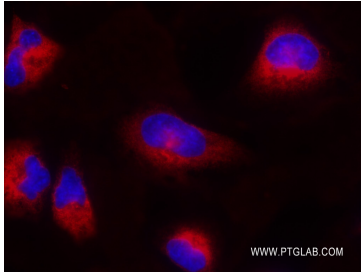
For technical support and original validation data for this product please contact:

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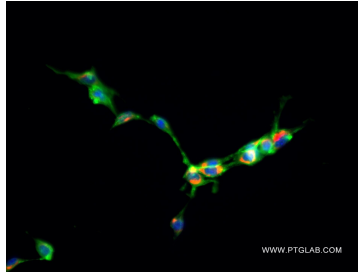
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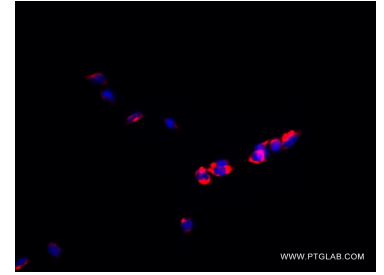
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RRBP1 antibody (82890-1-RR, Clone: 230159G6) at dilution of 1:1000 and Multi-rAb CoraLite ® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004).



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using RRBP1 antibody (82890-1-RR, Clone: 230159G6) at dilution of 1:1000 and Multi-rAb CoraLite ® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004).(CL488-Phalloidin, green).



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using RRBP1 antibody (82890-1-RR, Clone: 230159G6) at dilution of 1:1000 and Multi-rAb CoraLite ® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004).