

For Research Use Only

RRBP1 Recombinant antibody

Catalog Number: 82890-2-RR



Basic Information

Catalog Number: 82890-2-RR	GenBank Accession Number: BC128577	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6238	CloneNo.: 230159G12
Source: Rabbit	UNIPROT ID: Q9P2E9	
Isotype: IgG	Full Name: ribosome binding protein 1 homolog 180kDa (dog)	
Immunogen Catalog Number: AG16648	Calculated MW: 1410 aa, 152 kDa	
	Observed MW: 108 kDa, 152 kDa	

Applications

Tested Applications:
FC, ELISA

Species Specificity:
Human

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.

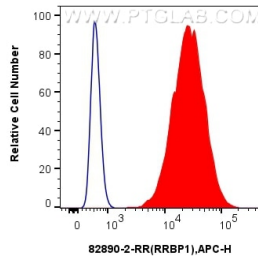
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

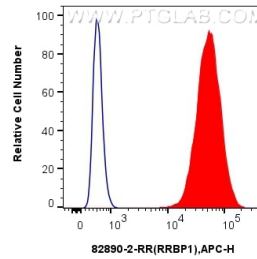
For technical support and original validation data for this product please contact:
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Selected Validation Data



1x10⁶ A549 cells were intracellularly stained with 0.25 ug Anti-Human RRBP1 (82890-2-RR, Clone:230159G12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10⁶ U2OS cells were intracellularly stained with 0.25 ug Anti-Human RRBP1 (82890-2-RR, Clone:230159G12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).