

For Research Use Only

RREB1-Specific Recombinant antibody

Catalog Number: 84048-1-RR



Basic Information

Catalog Number: 84048-1-RR	GenBank Accession Number: NM_001003698	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6239	CloneNo.: 240800B7
Source: Rabbit	UNIPROT ID: Q92766	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: ras responsive element binding protein 1	
	Calculated MW: 181 kDa	
	Observed MW: 260 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls: WB : K-562 cells, HEK-293 cells, Jurkat cells IF/ICC : HeLa cells,
Species Specificity: human	

Background Information

RREB1, also named as FINB and Zep-1, belongs to the krueppel C2H2-type zinc-finger protein family. RREB1 is a transcription factor that binds specifically to the RAS-responsive elements (RRE) of gene promoters. It may be involved in Ras/Raf-mediated cell differentiation by enhancing calcitonin expression. RREB1 represses the angiotensinogen gene. RREB1 can induce expression of p53 and repress p16 which associated with the expression of tumour. It has been reported that the RREB1 can be a candidate gene for type 2 diabetes associated end-stage kidney disease. To some extent, the decrease of zinc in human pancreatic adenocarcinoma is associated with the downregulation of RREB1. RREB1 has some isoforms with 250 kDa, 180-200 kDa and 140-160 kDa protein. (PMID: 21703425, 15067362, 25050557, 25027322)

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

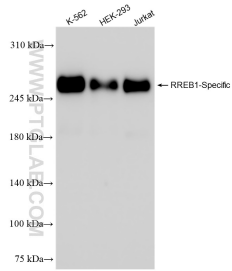
For technical support and original validation data for this product please contact:

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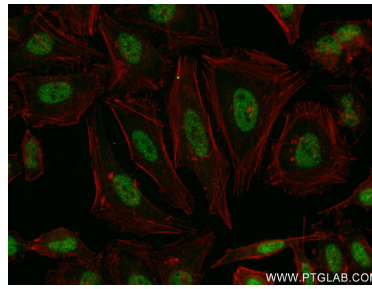
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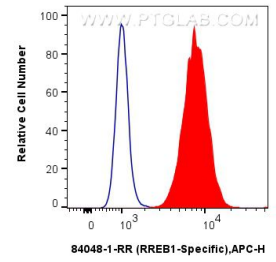
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84048-1-RR (RREB1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RREB1-Specific antibody (84048-1-RR, Clone: 240800B7) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1×10^6 U-2 OS were intracellularly stained with 0.25 ug RREB1-Specific Recombinant antibody (84048-1-RR, Clone:240800B7) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.