

For Research Use Only

CARHSP1 Polyclonal antibody

Catalog Number: 11672-1-AP



Basic Information

Catalog Number: 11672-1-AP	GenBank Accession Number: BC003366	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 23589	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9Y2V2	
Isotype: IgG	Full Name: calcium regulated heat stable protein 1, 24kDa	
Immunogen Catalog Number: AG2265	Calculated MW: 147 aa, 16 kDa	
	Observed MW: 24 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, mouse liver tissue, mouse testis tissue, rat liver tissue
Species Specificity: human, mouse, rat	

Background Information

CARHSP1 (calcium-regulated heat-stable protein 1, a 24 kDa protein also known as CRHSP-24) is a ubiquitously expressed phosphoprotein that is comprised of 147 amino acids with nearly 14% proline (PMID: 21990353,30257675). CARHSP1 was discovered as a biomarker for diabetic retinopathy and as a regulator of TNF- α mRNA stability in macrophages (PMID: 21078874). CARHSP1 may be involved in oxidative stress via traffic between stress granules and processing bodies (PMID: 21177848).

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

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

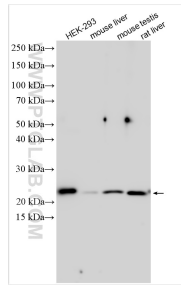
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11672-1-AP (CARHSP1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.