

For Research Use Only

# CARHSP1 Recombinant antibody

Catalog Number: 83300-2-RR



## Basic Information

Catalog Number:

83300-2-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2265

GenBank Accession Number:

BC003366

GeneID (NCBI):

23589

UNIPROT ID:

Q9Y2V2

Full Name:

calcium regulated heat stable protein

1, 24kDa

Calculated MW:

147 aa, 16 kDa

Purification Method:

Protein A purification

CloneNo.:

230489F3

Recommended Dilutions:

IHC 1:50-1:500

IF/ICC 1:125-1:500

## Applications

Tested Applications:

IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

IHC : mouse testis tissue,

IF/ICC : HepG2 cells,

## Background Information

### 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:

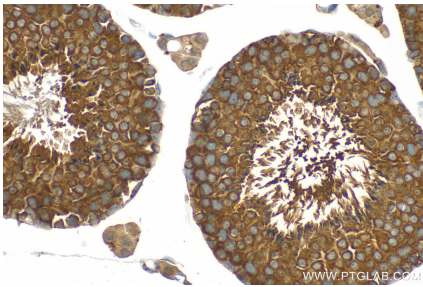
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

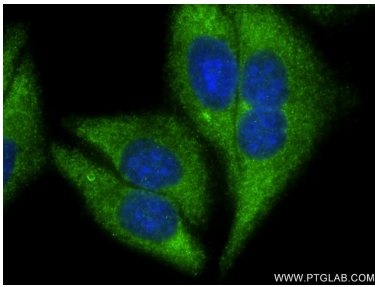
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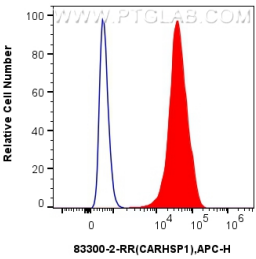
Selected Validation Data



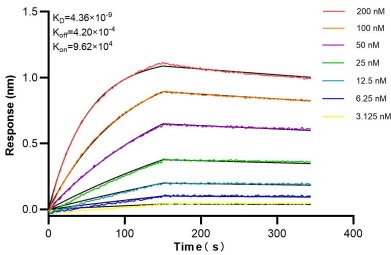
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 83300-2-RR (CARHSP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CARHSP1 antibody (83300-2-RR, Clone: 230489F3) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug CARHSP1 Recombinant antibody (83300-2-RR, Clone:230489F3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83300-2-RR against Human CARHSP1 were performed. The affinity constant is 4.36 nM.