

For Research Use Only

# CSDA Polyclonal antibody

Catalog Number: 27785-1-AP



## Basic Information

Catalog Number:

27785-1-AP

Size:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26839

GenBank Accession Number:

BC008801

GeneID (NCBI):

8531

UNIPROT ID:

P16989

Full Name:

cold shock domain protein A

Calculated MW:

40 kDa

Observed MW:

60-68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human, mouse

**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:

WB : K-562 cells, Y79 cells, mouse liver tissue

IHC : mouse heart tissue, mouse skeletal muscle tissue

## Background Information

Cold shock domain protein A (CSDA) is a DNA-binding protein that represses angiogenesis and lymphangiogenesis by directly binding to hypoxia response element (HRE) and serum response element (SRE).

## 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:

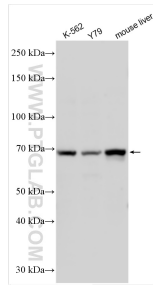
T: 4006900926

E: Proteintech-CN@ptglab.com

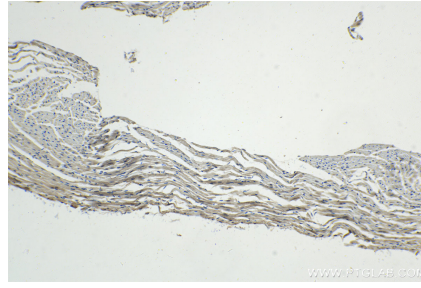
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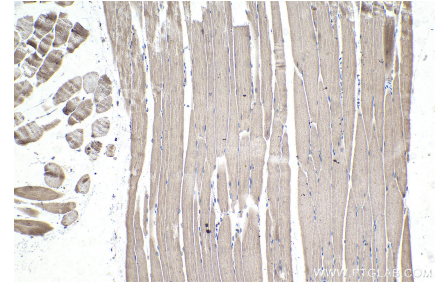
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27785-1-AP (CSDA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 27785-1-AP (CSDA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 27785-1-AP (CSDA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).