

For Research Use Only

# PISD Recombinant antibody

Catalog Number: 84866-2-RR



## Basic Information

Catalog Number:

84866-2-RR

Size:

1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9499

GenBank Accession Number:

BC001482

GeneID (NCBI):

23761

UNIPROT ID:

Q9UG56

Full Name:

phosphatidylserine decarboxylase

Calculated MW:

375aa, 43 kDa; 408aa, 46 kDa

Observed MW:

46 kDa

Purification Method:

Protein A purification

CloneNo.:

242280C9

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : L02 cells, HSC-T6 cells, HEK-293 cells

## Background Information

PISD (Phosphatidylserine decarboxylase proenzyme) belongs to the phosphatidylserine decarboxylase family. It contains a conserved LGST motif that functions as an autocatalytic cleavage site where the proenzyme is split into mature alpha and beta subunits. It has 2 isoforms produced by alternative splicing.

## 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:

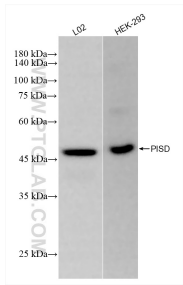
T: 4006900926

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

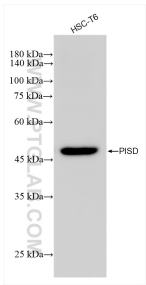
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

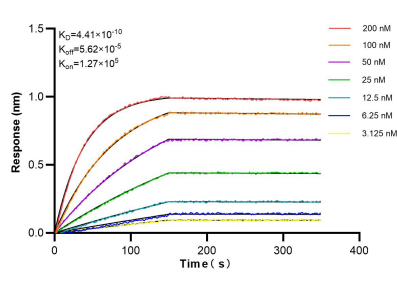
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84866-2-RR (PSD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 84866-2-RR (PSD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84866-2-RR against Human PSD were performed. The affinity constant is 0.441 nM.