

For Research Use Only

# DPP3 Recombinant antibody

Catalog Number: 84173-3-RR



## Basic Information

Catalog Number:

84173-3-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1022

GenBank Accession Number:

BC007221

GeneID (NCBI):

10072

UNIPROT ID:

Q9NY33

Full Name:

dipeptidyl-peptidase 3

Calculated MW:

83 kDa

Observed MW:

73 kDa

Purification Method:

Protein A purification

CloneNo.:

241360D4

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, HeLa cells, HEK-293 cells

## Background Information

DPP3 (dipeptidyl-peptidase 3), also known as DPPIII, is one of the dipeptidyl aminopeptidases, that belongs to the peptidase M49 family. DPP3 is a metalloenzyme containing one  $Zn^{2+}$  ion in its active site. Furthermore, It was shown to have a novel zinc-binding motif ( HELLGH). DPP3 has been reported as an important enkephalin-degrading enzyme in the central nervous system, in human neutrophils. It has 3 isoforms produced by alternative splicing. Increased activity of DPP3 is associated with endometrial and ovarian cancers.

## Storage

Storage:

Store at  $-20^{\circ}C$ . Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for  $-20^{\circ}C$  storage

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

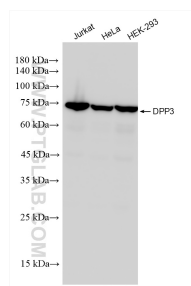
T: 4006900926

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

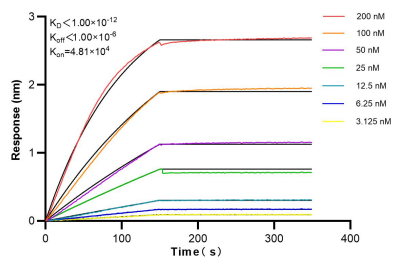
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84173-3-RR (DPP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84173-3-RR against Human DPP3 were performed. The affinity constant is below 1 pM.