

For Research Use Only

# DPP3 Recombinant antibody

Catalog Number: 84173-3-RR



## Basic Information

<b>Catalog Number:</b> 84173-3-RR	<b>GenBank Accession Number:</b> BC007221	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10072	<b>CloneNo.:</b> 241360D4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NY33	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> dipeptidyl-peptidase 3	
<b>Immunogen Catalog Number:</b> AG1022	<b>Calculated MW:</b> 83 kDa	
	<b>Observed MW:</b> 73 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, HeLa cells, HEK-293 cells
<b>Species Specificity:</b> human	

## 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<sup>2+</sup> 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

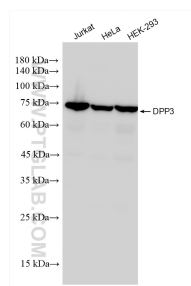
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

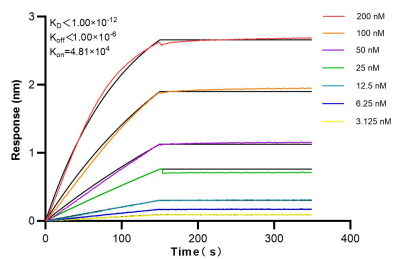
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 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.