

For Research Use Only

DPP3 Polyclonal antibody

Catalog Number: 10650-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

10650-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;

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:

69 kDa, 83 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse thymus tissue, human placenta tissue

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 Zn²⁺ 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Shaline Jha	32546481	J Biol Chem	WB
Lydia P Tsamouri	39615677	J Biol Chem	WB
Xiaofeng Li	37276831	Int Immunopharmacol	WB

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

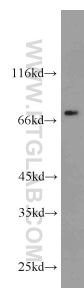
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 10650-1-AP (DPP3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.