

For Research Use Only

DNPEP Polyclonal antibody

Catalog Number:15016-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

15016-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6966

GenBank Accession Number:

BC000653

GeneID (NCBI):

23549

UNIPROT ID:

Q9ULA0

Full Name:

aspartyl aminopeptidase

Calculated MW:

52 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

mouse

Positive Controls:

WB : HepG2 cells, MCF-7 cells, K-562 cells

IP : HEK-293 cells,

IF/ICC : HEK-293 cells,

Background Information

DNPEP, also named as ASPEP and DAP, plays an important role in intracellular protein and peptide metabolism. It catalyzes the hydrolysis of N-terminal aspartyl and glutamyl residues.

Notable Publications

Author	Pubmed ID	Journal	Application
Nakamura Yukio Y	21576357	Mol Cell Biol	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

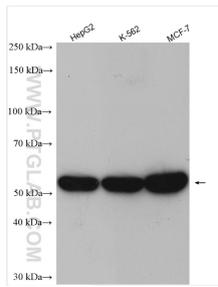
For technical support and original validation data for this product please contact:

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

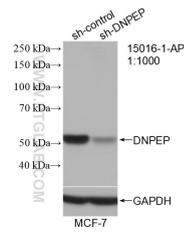
E: proteintech@ptglab.com
W: ptglab.com

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

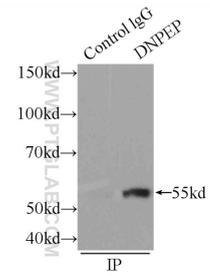
Selected Validation Data



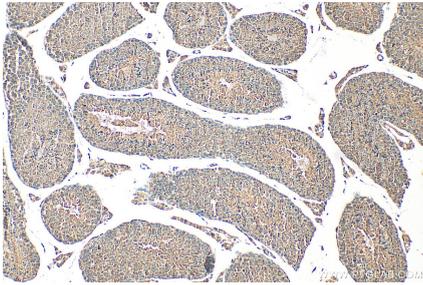
Various lysates were subjected to SDS PAGE followed by western blot with 15016-1-AP (DNPEP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



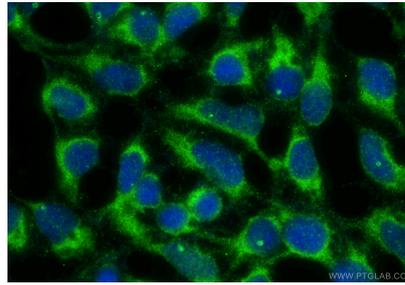
WB result of DNPEP antibody (15016-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNPEP transfected MCF-7 cells.



IP result of anti-DNPEP (IP:15016-1-AP, 3ug; Detection:15016-1-AP 1:500) with HEK-293 cells lysate 1760ug.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 15016-1-AP (DNPEP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using DNPEP antibody (15016-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).