

For Research Use Only

# DNPEP Polyclonal antibody

Catalog Number: 15016-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**

15016-1-AP

**Size:**

450 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

IF 1:20-1:200

## Applications

**Tested Applications:**

IF/ICC, IP, WB, 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 : MCF-7 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

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

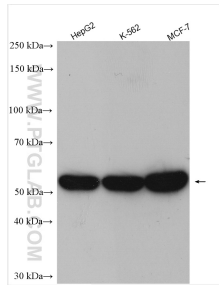
T: 4006900926

E: Proteintech-CN@ptglab.com

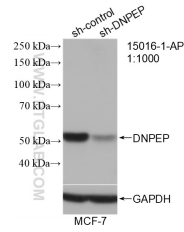
W: ptgcn.com

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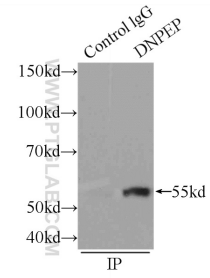
## Selected Validation Data



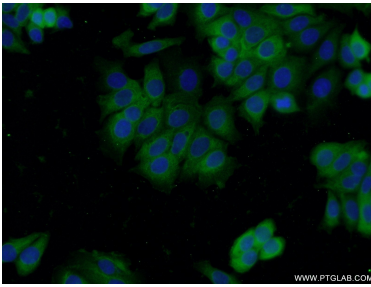
Various lysates were subjected to SDS PAGE followed by western blot with 15016-1-AP (DNPEP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.



Immunofluorescent analysis of MCF-7 cells using 15016-1-AP (DNPEP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).