

For Research Use Only

DNPEP Polyclonal antibody

Catalog Number: 15016-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 15016-1-AP	GenBank Accession Number: BC000653	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23549	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: aspartyl aminopeptidase	IF 1:20-1:200
Isotype: IgG	Calculated MW: 52 kDa	
Immunogen Catalog Number: AG6966	Observed MW: 55 kDa	

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls: WB : HepG2 cells, MCF-7 cells, K-562 cells
Cited Applications: WB	IP : HEK-293 cells,
Species Specificity: human	IF : MCF-7 cells,
Cited Species: mouse	

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

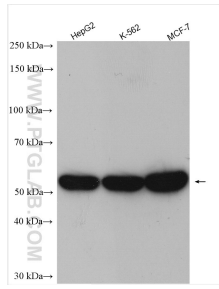
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

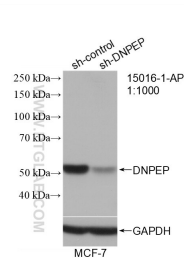
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

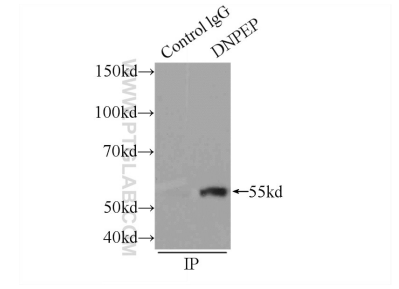
Selected Validation Data



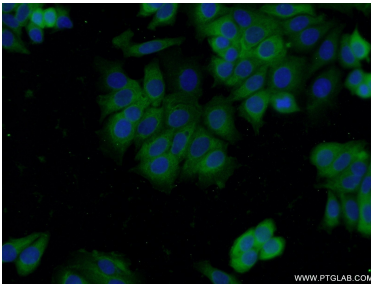
Various lysates were subjected to SDS PAGE followed by western blot with 15016-1-AP (DNPEP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.



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).