

For Research Use Only

DPP7 Polyclonal antibody

Catalog Number: 19018-1-AP

1 Publications



Basic Information

Catalog Number:

19018-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13556

GenBank Accession Number:

BC016961

GeneID (NCBI):

29952

UNIPROT ID:

Q9UHL4

Full Name:

dipeptidyl-peptidase 7

Calculated MW:

54 kDa

Observed MW:

54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : U-937 cells, mouse skeletal muscle tissue, rat skeletal muscle tissue

IHC : human ovary cancer tissue,

Background Information

DPP7 (also known as DPP-II and quiescent cell proline dipeptidase, QPP), is the first reported protease that contains a leucine zipper motif through which the functional homodimer has been predicted to be formed (PMID: 22952628). DPP7 can be detected as 54 kDa (full length) and ~50 kDa (signal peptide cleaved).

Notable Publications

Author	Pubmed ID	Journal	Application
Alexander Schepsky	32717133	Cancer Med	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:

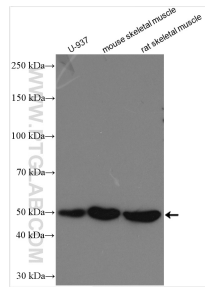
T: 4006900926

E: Proteintech-CN@ptglab.com

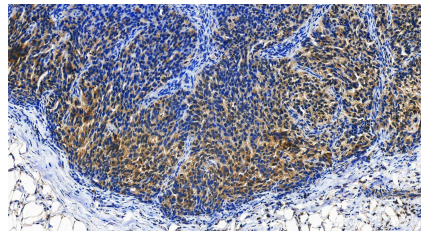
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19018-1-AP (DPP7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 19018-1-AP (DPP7 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).