

For Research Use Only

DPEP2 Polyclonal antibody

Catalog Number: 16466-1-AP

4 Publications



Basic Information

Catalog Number:

16466-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9545

GenBank Accession Number:

BC024021

GeneID (NCBI):

64174

UNIPROT ID:

Q9H4A9

Full Name:

dipeptidase 2

Calculated MW:

399 aa, 44 kDa

Observed MW:

45 kDa, 50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

IHC : human kidney tissue,

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

Background Information

DPEP2(Dipeptidase 2) may play an important role in the regulation of leukotriene activity which converts leukotriene d4 to leukotriene e4. It belongs to the peptidase M19 family. This protein has 2 isoforms produced by alternative splicing with the molecular weight of 53 kDa and 44 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Wu Hsin-Yi HY	20572634	J Proteome Res	WB,IP
Zhiyan Zhan	40021897	Cell Death Differ	WB
Yuanqi Wang	37449493	Oncol Rep	WB,IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

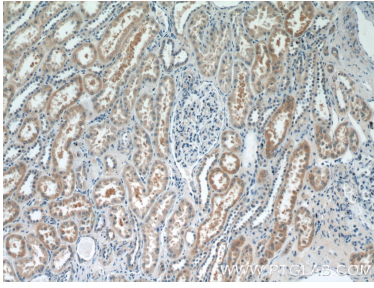
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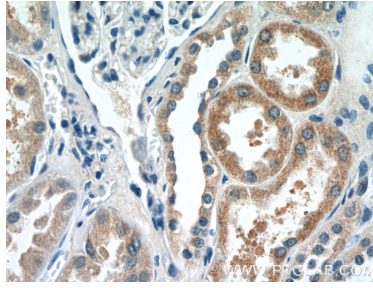
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16466-1-AP (DPEP2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16466-1-AP (DPEP2 Antibody) at dilution of 1:50 (under 40x lens).