For Research Use Only

NPEPL1 Polyclonal antibody

Catalog Number:17211-1-AP 1 Publications

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Basic Information

Catalog Number:
17211-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10994

GenBank Accession Number:
BC020507

GeneID (NCBI):
79716

UNIPROT ID:
Q8NDH3

Full Name:
aminopeptidase-like 1

Calculated MW:
523 aa, 56 kDa

Observed MW:
52 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:1000
IHC: 1:50-1:500
IF/ICC: 1:200-1:800

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

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 : HeLa cells, MCF-7 cells

IHC : human kidney tissue,

IF/ICC : MCF-7 cells,

Background Information

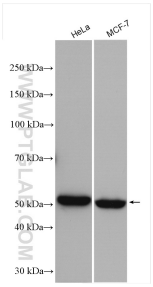
Notable Publications

Author	Pubmed ID	Journal	Application
Lele Ling	42495524	iScience	

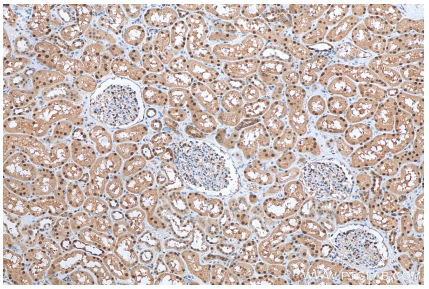
Storage

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

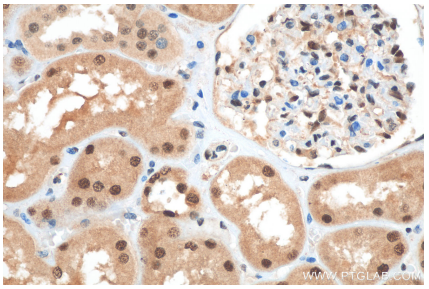
Selected Validation Data



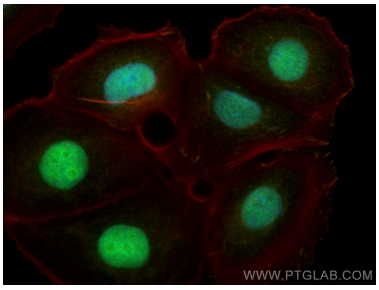
Various lysates were subjected to SDS PAGE followed by western blot with 17211-1-AP (NPEPL1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17211-1-AP (NPEPL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17211-1-AP (NPEPL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using NPEPL1 antibody (17211-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).