

For Research Use Only

USP48 Polyclonal antibody

Catalog Number: 12076-1-AP

5 Publications



Basic Information

Catalog Number:

12076-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2749

GenBank Accession Number:

BC013567

GeneID (NCBI):

84196

UNIPROT ID:

Q86UV5

Full Name:

ubiquitin specific peptidase 48

Calculated MW:

1035 aa, 119 kDa

Observed MW:

119 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 : PC-3 cells, HeLa cells

IP : HeLa cells,

IHC : human pancreas cancer tissue,

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------------|-----------|-----------------------|-------------|
| Christine Galant | 30608617 | Rheumatology (Oxford) | IHC |
| Wei Tian | 38886545 | Sci Rep | CoIP |
| Ping Wang | 38498345 | FASEB J | 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

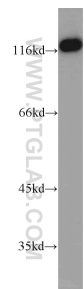
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

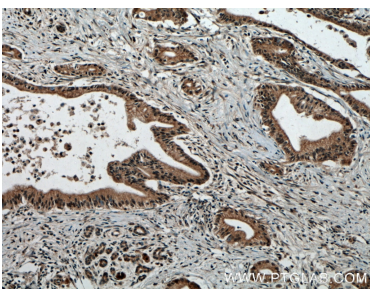
E: proteintech@ptglab.com
W: ptglab.com

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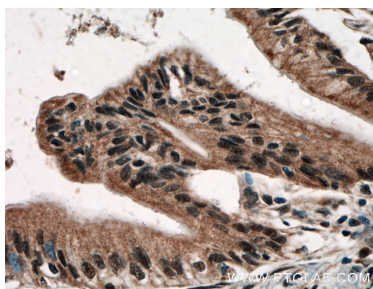
Selected Validation Data



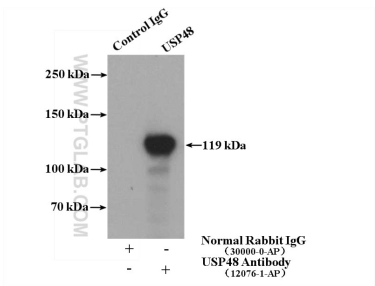
PC-3 cells were subjected to SDS PAGE followed by western blot with 12076-1-AP (USP48 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 12076-1-AP (USP48 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 pancreas cancer tissue slide using 12076-1-AP (USP48 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-USP48 (IP:12076-1-AP, 4ug; Detection:12076-1-AP 1:300) with HeLa cells lysate 3200ug.