

For Research Use Only

ANUBL1 Polyclonal antibody

Catalog Number: 17478-1-AP



Basic Information

Catalog Number:

17478-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11505

GenBank Accession Number:

BC048968

GeneID (NCBI):

93550

UNIPROT ID:

Q86XD8

Full Name:

AN1, ubiquitin-like, homolog
(Xenopus laevis)

Calculated MW:

653 aa, 72 kDa

Observed MW:

70-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, 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: MCF-7 cells, mouse kidney tissue, mouse liver tissue, rat kidney tissue

IHC: human stomach cancer tissue,

Background Information

ANUBL1 is also named as ZFAND4. The expression of ANUBL1 was specifically upregulated in gastric cancer and it was positively associated with grades of gastric cancer. Moreover, it promoted proliferation of gastric cancer SGC-7901 cells. The mechanism of ANUBL1 upregulation in gastric cancer is that miR-182 suppressed the expression of ANUBL1 through targeting its 3'UTR, and ANUBL1 could downregulate the expression of anti-proliferation-associated miRNAs (miR-148b, miR-375 and miR-182) in SGC-7901 cells. The calculated molecular weight of ANUBL1 is 80 kDa (PMID: 25682742).

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:

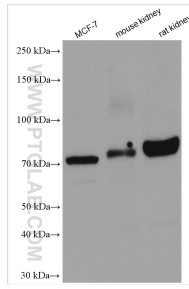
T: 4006900926

E: Proteintech-CN@ptglab.com

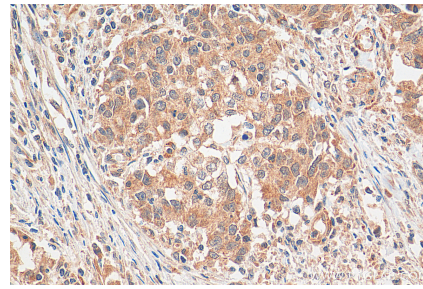
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17478-1-AP (ANUBL1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 17478-1-AP (ANUBL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).