

# ANUBL1 Polyclonal antibody

Catalog Number: 17478-1-AP

## Basic Information

<b>Catalog Number:</b> 17478-1-AP	<b>GenBank Accession Number:</b> BC048968	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 93550	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86XD8	
<b>Isotype:</b> IgG	<b>Full Name:</b> AN1, ubiquitin-like, homolog (Xenopus laevis)	
<b>Immunogen Catalog Number:</b> AG11505	<b>Calculated MW:</b> 653 aa, 72 kDa <b>Observed MW:</b> 70-80 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> MCF-7 cells, mouse kidney tissue, mouse liver tissue, rat kidney tissue
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human stomach cancer tissue,

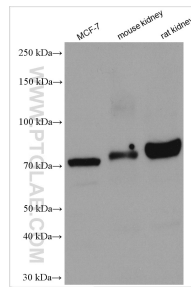
## Background Information

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).

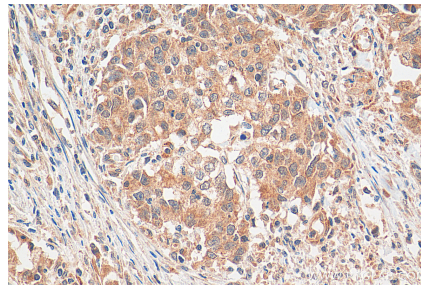
## Storage

**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**

## 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).