

For Research Use Only

# C2orf47 Polyclonal antibody, PBS Only

Catalog Number: 24930-1-PBS



## Basic Information

<b>Catalog Number:</b> 24930-1-PBS	<b>GenBank Accession Number:</b> BC017959	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79568	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WWC4	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 2 open reading frame 47	
<b>Immunogen Catalog Number:</b> AG21518	<b>Calculated MW:</b> 291 aa, 33 kDa	
	<b>Observed MW:</b> 38 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

C2orf47, also named matrix AAA peptidase interacting protein 1 (MAIP1), is a 291 amino-acid protein that localizes in the Mitochondrion. C2orf47 is involved in protecting EMRE, a component of the single calcium complex (MCU), from proteolysis by assisting membrane insertion.

## Storage

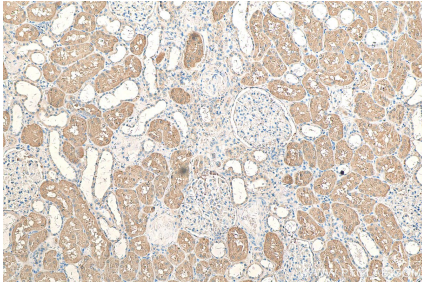
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

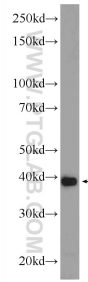
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24930-1-AP (C2orf47 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24930-1-PBS in a different storage buffer formulation.



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 24930-1-AP (C2orf47 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24930-1-PBS in a different storage buffer formulation.