

For Research Use Only

C2orf47 Polyclonal antibody

Catalog Number: 24930-1-AP **1 Publications**



Basic Information

Catalog Number: 24930-1-AP	GenBank Accession Number: BC017959	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop and 420 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79568	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: chromosome 2 open reading frame 47	
Isotype: IgG	Calculated MW: 291 aa, 33 kDa	
Immunogen Catalog Number: AG21518	Observed MW: 38 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse kidney tissue, HeLa cells, PC-3 cells IHC : human kidney tissue,
Cited Applications: WB	
Species Specificity: human, mouse	
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

Background Information

C2orf47 also named as chromosome 2 open reading frame 47 is a 291 amino-acid protein, which localizes in the Mitochondrion. The function of C2orf47 is still non-known and is needed to be further studied.

Notable Publications

Author	Pubmed ID	Journal	Application
Elias Adriaenssens	36690850	Nat Cell Biol	WB

Storage

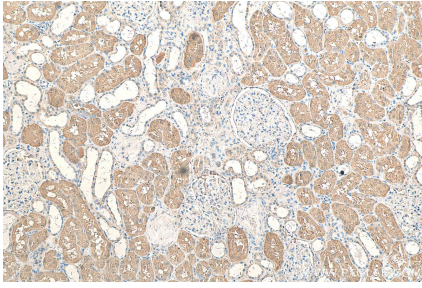
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

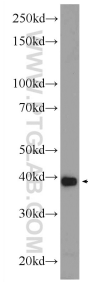
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).



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.