

For Research Use Only

C5orf24 Polyclonal antibody

Catalog Number: 24319-1-AP **1 Publications**



Basic Information

Catalog Number: 24319-1-AP	GenBank Accession Number: BC053677	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 850 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 134553	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:2000
Source: Rabbit	Full Name: chromosome 5 open reading frame 24	for WB IHC 1:50-1:500 IF 1:20-1:200
Isotype: IgG	Calculated MW: 188 aa, 20 kDa	
Immunogen Catalog Number: AG19534	Observed MW: 23 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB: HEK-293 cells, IP: HEK-293 cells, IHC: human pancreas tissue, human kidney tissue IF: HEK-293 cells,
Cited Applications: WB	
Species Specificity: human	
Cited Species: pig	
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

C5orf24 has two isoforms with MW 20 kDa and 16 kDa. For phosphoserine modification, the MW is about 20-23 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Xu Ye	29887867	Front Immunol	WB

Storage

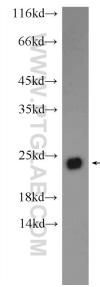
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

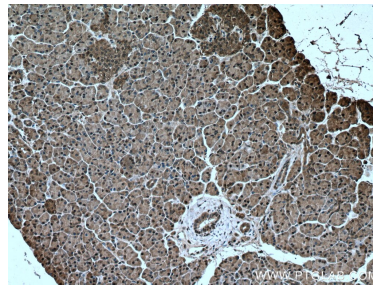
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

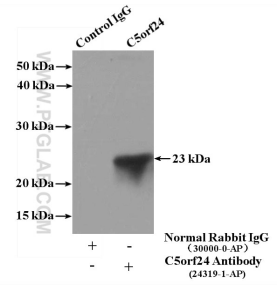
Selected Validation Data



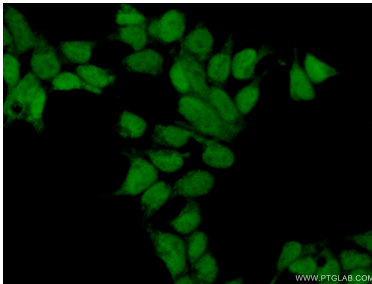
HEK-293 cells were subjected to SDS PAGE followed by western blot with 24319-1-AP (C5orf24 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 24319-1-AP (C5orf24 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-C5orf24 (IP:24319-1-AP, 4ug; Detection:24319-1-AP 1:1000) with HEK-293 cells lysate 3200ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 24319-1-AP (C5orf24 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).