

For Research Use Only

COQ4 Polyclonal antibody

Catalog Number: 16654-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 16654-1-AP	GenBank Accession Number: BC011895	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51117	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000
Source: Rabbit	Full Name: coenzyme Q4 homolog (S. cerevisiae)	for WB IHC 1:50-1:500
Isotype: IgG	Calculated MW: 265 aa, 30 kDa	
Immunogen Catalog Number: AG10089	Observed MW: 32 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : mouse liver tissue, Transfected HEK-293 cells
Cited Applications: WB	IP : mouse liver tissue,
Species Specificity: human, mouse, rat	IHC : human liver tissue, human pancreas tissue
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

Notable Publications

Author	Pubmed ID	Journal	Application
Diran Herebian	29296619	Ann Clin Transl Neurol	WB
Lucía Laugwitz	34656997	J Med Genet	WB
Agustín Hidalgo-Gutiérrez	30482867	EMBO Mol Med	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

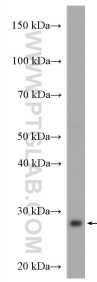
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

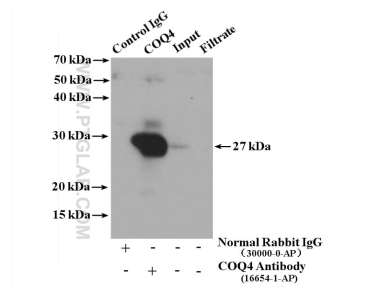
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 16654-1-AP (COQ4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-COQ4 (IP:16654-1-AP, 4ug; Detection:16654-1-AP 1:500) with mouse liver tissue lysate 6000 ug.