

For Research Use Only

# COQ5 Polyclonal antibody

Catalog Number: 17453-1-AP **7 Publications**



## Basic Information

<b>Catalog Number:</b> 17453-1-AP	<b>GenBank Accession Number:</b> BC107874	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84274	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> coenzyme Q5 homolog, methyltransferase (S. cerevisiae)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 327 aa, 37 kDa	
<b>Immunogen Catalog Number:</b> AG10203	<b>Observed MW:</b> 34.7 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Cited Applications:

IF, 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**

### Positive Controls:

**WB** : mouse heart tissue, mouse brain tissue, mouse liver tissue

**IHC** : human heart tissue, human brain tissue, human kidney tissue, human liver tissue, human lung tissue, human ovary tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Claire Pujol	34546337	J Exp Med	WB
María Rodríguez-Hidalgo	30228311	Sci Rep	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

**\*\*\* 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)

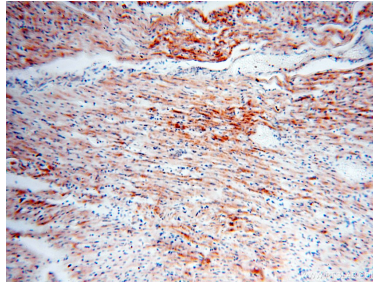
E: proteintech@ptglab.com  
W: ptglab.com

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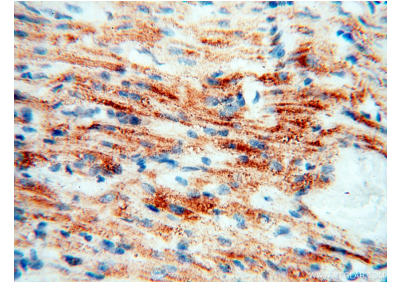
## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 17453-1-AP (COQ5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 17453-1-AP (COQ5 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 17453-1-AP (COQ5 antibody) at dilution of 1:100 (under 40x lens).