

For Research Use Only

# COQ5 Polyclonal antibody

Catalog Number: 17453-1-AP **8 Publications**



## Basic Information

**Catalog Number:**

17453-1-AP

**Size:**

450 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10203

**GenBank Accession Number:**

BC107874

**GeneID (NCBI):**

84274

**UNIPROT ID:**

Q5HYK3

**Full Name:**

coenzyme Q5 homolog,  
methyltransferase (S. cerevisiae)

**Calculated MW:**

327 aa, 37 kDa

**Observed MW:**

34.7 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB, IF

**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
María Rodríguez-Hidalgo	30228311	Sci Rep	WB
Agustín Hidalgo-Gutiérrez	30482867	EMBO Mol Med	WB
Eugen Widmeier	32381600	J Am Soc Nephrol	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:

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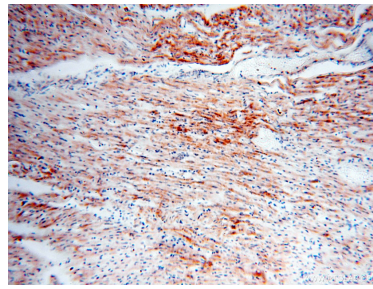
W: ptgcn.com

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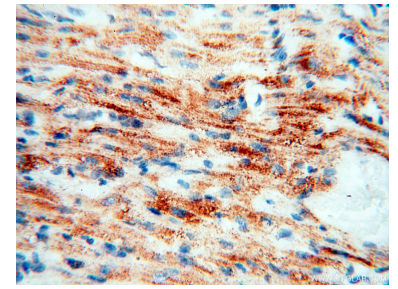
## Selected Validation Data



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).