

For Research Use Only

# COPG2 Polyclonal antibody

Catalog Number: 16111-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 16111-1-AP	<b>GenBank Accession Number:</b> BC017443	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 26958	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> coatamer protein complex, subunit gamma 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 871 aa, 98 kDa	
<b>Immunogen Catalog Number:</b> AG9034	<b>Observed MW:</b> 98 kDa	

## Applications

**Tested Applications:**  
IHC, WB, ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human, mouse

**Cited Species:**  
human

**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, HeLa cells, human heart tissue, human skeletal muscle tissue, mouse brain tissue, mouse kidney tissue

**IHC :** mouse heart tissue, human cerebellum tissue, human heart tissue, mouse cerebellum tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yong-Wei Nie	27005820	Biochem Biophys Res Commun	WB

## Storage

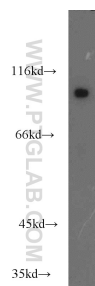
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

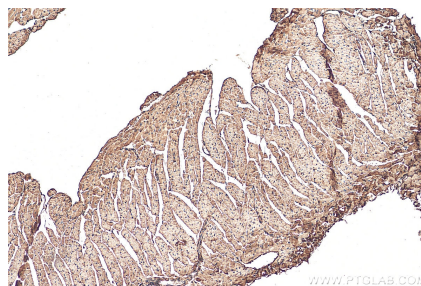
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

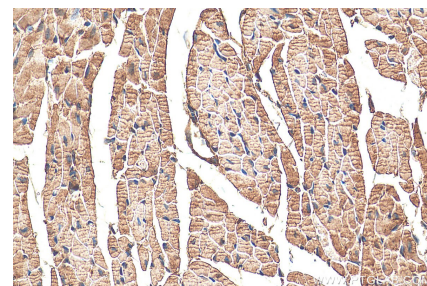
## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 16111-1-AP (COPG2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16111-1-AP (COPG2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16111-1-AP (COPG2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).