

For Research Use Only

# ART5 Polyclonal antibody

Catalog Number: 11354-1-AP



## Basic Information

<b>Catalog Number:</b> 11354-1-AP	<b>GenBank Accession Number:</b> BC014577	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 133 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 116969	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> ADP-ribosyltransferase 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 292 aa, 32 kDa	
<b>Immunogen Catalog Number:</b> AG1786	<b>Observed MW:</b> 35-40 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse testis tissue, <b>IHC :</b> human heart tissue, human lung cancer tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

ART5 (Ecto-ADP-ribosyltransferase 5) belongs to a class of enzymes that catalyze the transfer of an ADP-ribose group from NAD to arginine residues on target proteins like G proteins. ART5 is a secreted protein. This antibody detects the 43 kDa ART5 protein in mouse liver and testis.

## Storage

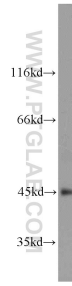
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

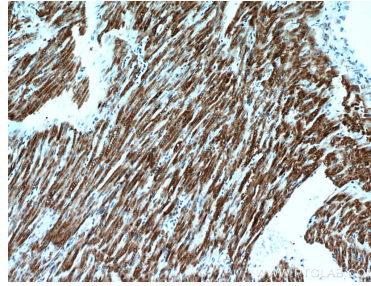
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

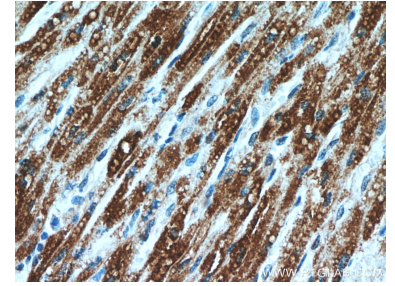
## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 11354-1-AP (ART5 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 11354-1-AP (ART5 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 11354-1-AP (ART5 antibody) at dilution of 1:50 (under 40x lens).