

For Research Use Only

# MRPL43 Polyclonal antibody

Catalog Number: 17477-1-AP



## Basic Information

<b>Catalog Number:</b> 17477-1-AP	<b>GenBank Accession Number:</b> BC015905	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 250 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84545	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> mitochondrial ribosomal protein L43	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 159aa,18 kDa; 215aa,23 kDa	
<b>Immunogen Catalog Number:</b> AG11498	<b>Observed MW:</b> 17-23 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> Jurkat cells, K-562 cells <b>IHC :</b> mouse skeletal muscle tissue,

**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

### Storage

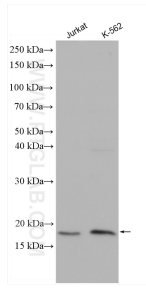
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

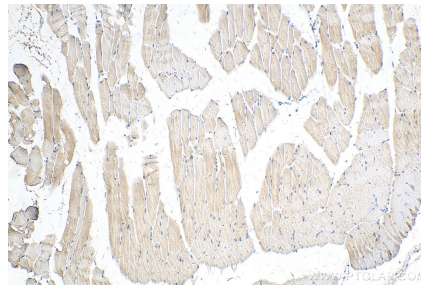
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17477-1-AP (MRPL43 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 17477-1-AP (MRPL43 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).