

For Research Use Only

# UTRN Polyclonal antibody

Catalog Number: 27948-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 27948-1-AP	<b>GenBank Accession Number:</b> NM_007124	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 650 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7402	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P46939	
<b>Isotype:</b> IgG	<b>Full Name:</b> utrophin	
<b>Immunogen Catalog Number:</b> AG27497	<b>Calculated MW:</b> 395 kDa	
	<b>Observed MW:</b> 394 kDa, 70 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells IHC : human colon tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human	
<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

Utrophin is a large protein (395 kDa) which is widely expressed and most abundant in several non-skeletal muscle tissues, for example lung, intestine, embryonic neural tube, sensory ganglia, tendons and ossifying cartilages. Two alternate intronic transcripts of utrophin have been described: Up71 and Up140.

## Notable Publications

Author	Pubmed ID	Journal	Application
Lara Falcucci	39939773	Nature	WB

## Storage

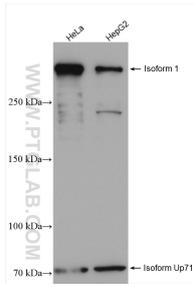
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

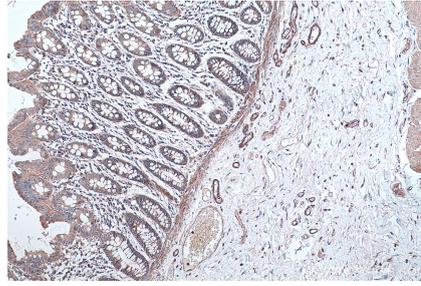
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

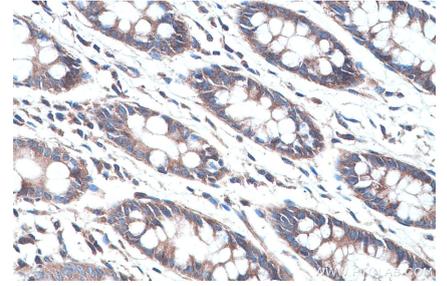
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27948-1-AP (UTRN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27948-1-AP (UTRN antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27948-1-AP (UTRN antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).