

For Research Use Only

# DHRS7 Polyclonal antibody

Catalog Number: 15061-1-AP



## Basic Information

<b>Catalog Number:</b> 15061-1-AP	<b>GenBank Accession Number:</b> BC000637	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51635	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y394	
<b>Isotype:</b> IgG	<b>Full Name:</b> dehydrogenase/reductase (SDR family) member 7	
<b>Immunogen Catalog Number:</b> AG7064	<b>Calculated MW:</b> 38 kDa	
	<b>Observed MW:</b> 32-38 kDa	

## Applications

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

## Background Information

DHRS7 (Dehydrogenase/Reductase (SDR family) member 7), also known as SDR34C1, retSDR4, is a member of a large family of short-chain dehydrogenases/reductases (SDR). The DHRS7 gene codes for two subtypes and is found on chromosome 14. Isotype 1 (38 kDa) has 339 amino acids, while isotype 2 (32 kDa) contains 289 amino acids (PMID: 26466768). DHRS7 has been demonstrated to be an integral protein facing the lumen of the endoplasmic reticulum with lack of posttranscriptional glycosylation modification (PMID: 24246760).

## Storage

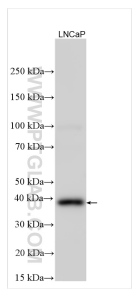
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

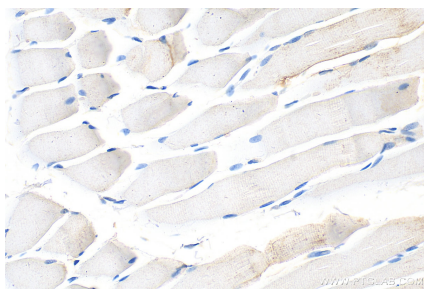
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

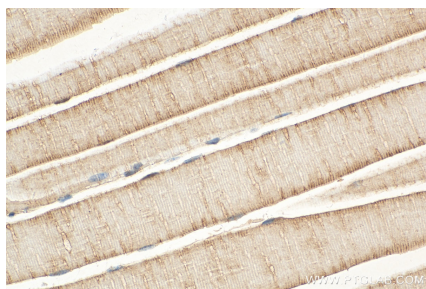
## Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 15061-1-AP (DHR57 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 15061-1-AP (DHR57 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 15061-1-AP (DHR57 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).