

For Research Use Only

# DHFRL1 Polyclonal antibody

Catalog Number: 27965-1-AP



## Basic Information

<b>Catalog Number:</b> 27965-1-AP	<b>GenBank Accession Number:</b> BC063379	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 850 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 200895	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86XF0	
<b>Isotype:</b> IgG	<b>Full Name:</b> dihydrofolate reductase-like 1	
<b>Immunogen Catalog Number:</b> AG10537	<b>Calculated MW:</b> 187 aa, 22 kDa	
	<b>Observed MW:</b> 25 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse	<b>WB :</b> HEK-293 cells, Jurkat 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 heart tissue,

## Background Information

DHFRL1, also known as DHFR2, is a key enzyme in folate metabolism. DHFRL1 is a dihydrofolate reductase, that catalyzes the NADPH-dependent reduction of dihydrofolate to the biologically active form, tetrahydrofolate (PMID: 21876184).

## Storage

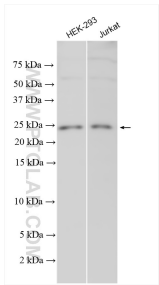
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

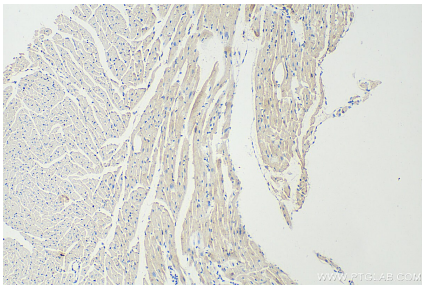
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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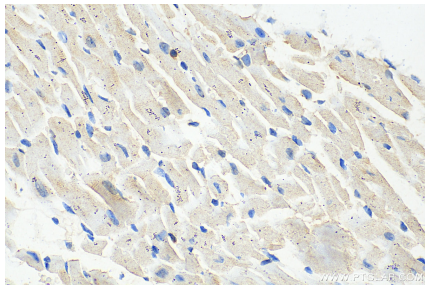
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27965-1-AP (DHFRL1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 27965-1-AP (DHFRL1 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 27965-1-AP (DHFRL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).