

For Research Use Only

DHFRL1 Polyclonal antibody

Catalog Number: 27965-1-AP



Basic Information

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

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, Jurkat cells
Species Specificity: Human, mouse	IHC : mouse heart 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

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

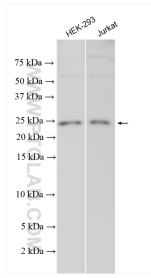
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

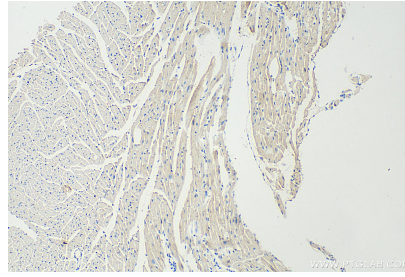
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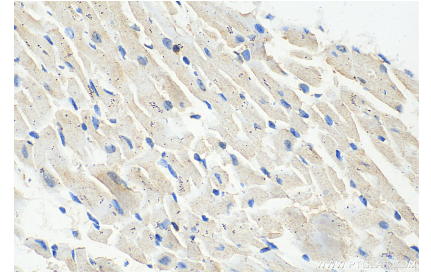
Selected Validation Data



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).