10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DHFRL1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13364c

Specification

DHFRL1 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q86XF0
Other Accession	NP_789785.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**21620**
Antigen Region	**45-74**

DHFRL1 Antibody (Center) - Additional Information

Gene ID 200895

Other Names
Dihydrofolate reductase, mitochondrial, Dihydrofolate reductase-like protein 1, DHFRL1, DHFRP4

Target/Specificity
This DHFRL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-74 amino acids from the Central region of human DHFRL1.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
DHFRL1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

DHFRL1 Antibody (Center) - Protein Information

Name DHFR2 (HGNC:27309)

Synonyms DHFRL1, DHFRP4

Function Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Required to prevent uracil accumulation in mtDNA. Binds its own mRNA and that of DHFR.

Cellular Location
Mitochondrion. Mitochondrion matrix. Mitochondrion inner membrane

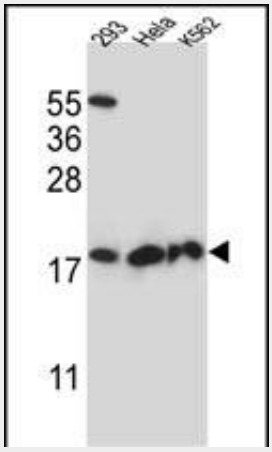
Tissue Location
Expressed in numerous cell lines.

DHFRL1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

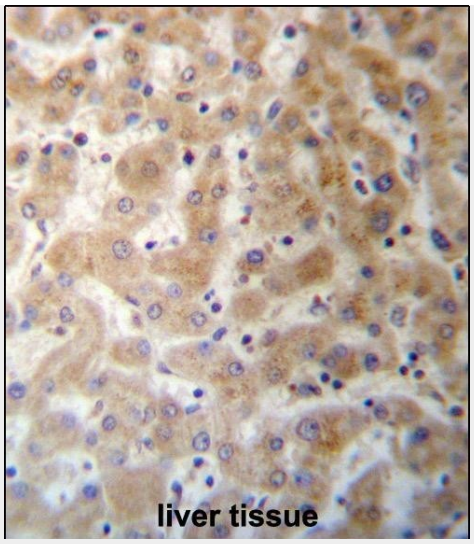
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DHFRL1 Antibody (Center) - Images



DHFRL1 Antibody (Center) (Cat. #AP13364c) western blot analysis in 293,Hela,K562 cell line lysates (35ug/lane).This demonstrates the DHFRL1 antibody detected the DHFRL1 protein (arrow).

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



DHFRL1 Antibody (Center) (Cat. #AP13364c)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DHFRL1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

DHFRL1 Antibody (Center) - Background

DHFRL1 may play a role in folate metabolism (Potential).

DHFRL1 Antibody (Center) - References

Semmler, A., et al. J. Neurosurg. 108(5):999-1004(2008)
Lamesch, P., et al. Genomics 89(3):307-315(2007)