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DHFRL1 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP13364c

Specification

DHFRL1 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q86XF0

DHFRL1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 200895

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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13364c was selected from the Center region of DHFRL1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DHFRL1 Antibody (Center) Blocking peptide - 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.

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DHFRL1 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

DHFRL1 Antibody (Center) Blocking peptide - Images

DHFRL1 Antibody (Center) Blocking peptide - Background

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

DHFRL1 Antibody (Center) Blocking peptide - References

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