

DHFR

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 21kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human DHFR

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

DYR; DHFRP1;

Catalog #: A1607

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1719

Isotype: IgG

Swiss Prot: P00374

Purity: Affinity purification

For research use only.

Background:

Dihydrofolate reductase converts dihydrofolate into tetrahydrofolate, a methyl group shuttle required for the de novo synthesis of purines, thymidylc acid, and certain amino acids. While the functional dihydrofolate reductase gene has been mapped to chromosome 5, multiple intronless processed pseudogenes or dihydrofolate reductase-like genes have been identified on separate chromosomes. Dihydrofolate reductase deficiency has been linked to megaloblastic anemia.

[provided by RefSeq, Jul 2008]

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