

## DHFR

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**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, thymidylic 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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