

## Product datasheet for **TA321198**

### DHFR Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	dihydrofolate reductase
Database Link:	<a href="#">NP_000782</a> <a href="#">Entrez Gene 13361 Mouse</a> <a href="#">Entrez Gene 24312 Rat</a> <a href="#">Entrez Gene 1719 Human</a> <a href="#">P00374</a>
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.
Synonyms:	DHFRP1; DYR
Protein Families:	Druggable Genome, Stem cell - Pluripotency



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Protein Pathways: Folate biosynthesis, Metabolic pathways, One carbon pool by folate

### Product images:



Predicted band size: 21 kDa. Positive control: HeLa and K562 cell lysate. Recommended dilution: 1/500-2000. (Gel: 10%SDS-PAGE Lane 1: HeLa cell lysate Lane 2: K562 cell lysate Lysates: 40 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)