

## DHFR Polyclonal Antibody

**Catalog No.** E-AB-52839

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

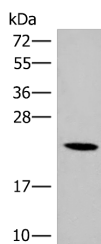
### Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Fusion protein of human DHFR
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

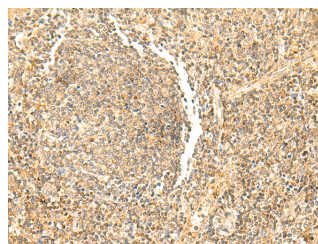
### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:300

### Data



Western blot analysis of 293T cell lysate using DHFR Polyclonal Antibody at dilution of 1:400  
**Observed Mw: Refer to figures**  
**Calculated Mw: 21 kDa**



Immunohistochemistry of paraffin-embedded Human tonsil tissue using DHFR Polyclonal Antibody at dilution of 1:50 (x200)

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### 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. Several transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only