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Datasheet for ABIN7253152

## anti-Dihydrofolate Reductase antibody

### 2 Images

#### Overview

Quantity:	200 µL
Target:	Dihydrofolate Reductase (DHFR)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dihydrofolate Reductase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Fusion protein of human DHFR
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

#### Target Details

Target:	Dihydrofolate Reductase (DHFR)
Alternative Name:	DHFR ( <a href="#">DHFR Products</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

## Target Details

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on separate chromosomes. Dihydrofolate reductase deficiency has been linked to megaloblastic anemia. Several transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: Observed\_MW: Refer to figures  
Calculated\_MW: 21 kDa

UniProt: [P00374](#)

Pathways: [Mitotic G1-G1/S Phases](#)

## Application Details

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Application Notes: WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.96 mg/mL

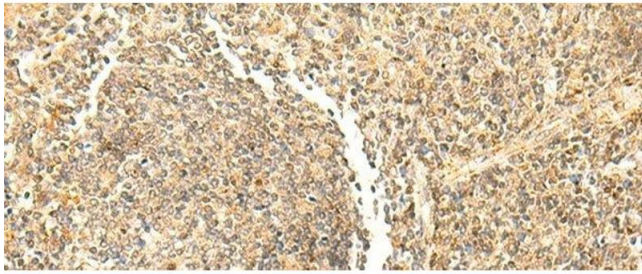
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

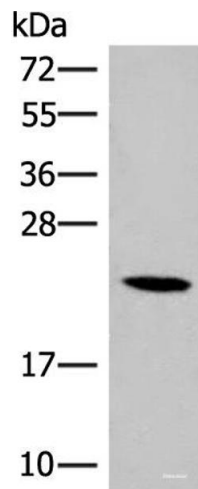
Storage: -20 °C

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



### Immunohistochemistry (Paraffin-embedded Sections)

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



### Western Blotting

**Image 2.** Western blot analysis of 293T cell lysate using DHFR Polyclonal Antibody at dilution of 1:400