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# anti-Dihydrofolate Reductase antibody (N-Term)

3 Images



Overview	
Quantity:	400 μL
Target:	Dihydrofolate Reductase (DHFR)
Binding Specificity:	AA 16-30, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dihydrofolate Reductase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This DHFR antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	peptide between 16-30 amino acids from the N-terminal region of human DHFR.
Clone:	RB49346
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Dihydrofolate Reductase (DHFR)
Alternative Name:	DHFR (DHFR Products)

### **Target Details**

Background:	Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Catalyzes an essential reaction for de novo glycine and purine synthesis,
Molecular Weight:	and for DNA precursor synthesis. Binds its own mRNA and that of DHFRL1.  21453
UniProt:	P00374
Pathways:	Mitotic G1-G1/S Phases

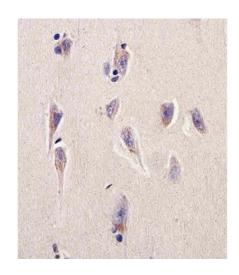
# **Application Details**

Application Notes:	WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25
Restrictions:	For Research Use only

#### Handling

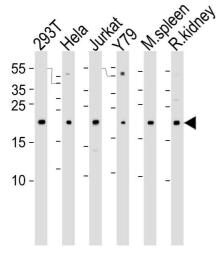
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

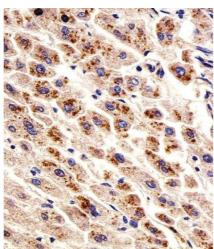
# Images



## Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of paraffinembedded H. brain section using DHFR Antibody (N-term) (ABIN6242878 and ABIN6577408). (ABIN6242878 and ABIN6577408) was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.





#### **Western Blotting**

**Image 2.** Western blot analysis of lysates from 293T, Hela, Jurkat, Y79 cell line , mouse spleen and rat kidney tissue lysate(from left to right), using DHFR Antibody (N-term) (ABIN6242878 and ABIN6577408). (ABIN6242878 and ABIN6577408) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35  $\mu$ g per lane.

#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 3.** Immunohistochemical analysis of paraffinembedded H. liver section using DHFR Antibody (N-term) (ABIN6242878 and ABIN6577408). (ABIN6242878 and ABIN6577408) was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.