

Datasheet for ABIN3030729

anti-Dihydrofolate Reductase antibody (AA 135-164)

5 Images

[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Dihydrofolate Reductase (DHFR)
Binding Specificity:	AA 135-164
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dihydrofolate Reductase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 135-164 from mouse Dihydrofolate reductase was used as the immunogen for this DHFR antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	Dihydrofolate Reductase (DHFR)
Alternative Name:	DHFR (DHFR Products)
Background:	Dihydrofolate reductase converts dihydrofolate into tetrahydrofolate, a methyl group shuttle required for the de novo synthesis of purines, thymidylc acid, and certain amino acids. While the functional dihydrofolate reductase gene has been mapped to chromosome 5, multiple

Target Details

intronless processed pseudogenes or dihydrofolate reductase-like genes have been identified on separate chromosomes. Dihydrofolate reductase deficiency has been linked to megaloblastic anemia.

UniProt: [P00375](#)

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

Application Details

Application Notes: Titration of the DHFR antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

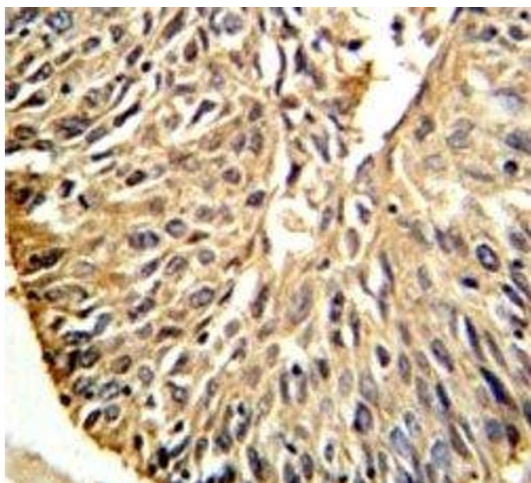
Preservative: Sodium azide

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

Storage: -20 °C

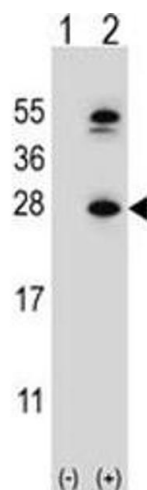
Storage Comment: Aliquot the DHFR antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



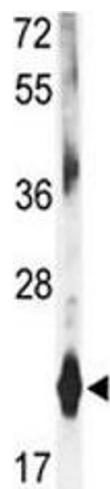
Immunohistochemistry

Image 1. DHFR antibody IHC analysis in formalin fixed and paraffin embedded human lung carcinoma.



Western Blotting

Image 2. Western blot analysis of DHFR antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the DHFR gene. Predicted molecular weight ~22 kDa.



Western Blotting

Image 3. Western blot analysis of DHFR antibody and mouse liver tissue lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030729.