


Product datasheet

Anti-Dihydrofolate reductase (DHFR) antibody ab49881

★★★★☆ [5 Abreviews](#) [7 References](#) [1 Image](#)

Overview

Product name	Anti-Dihydrofolate reductase (DHFR) antibody
Description	Rabbit polyclonal to Dihydrofolate reductase (DHFR)
Host species	Rabbit
Tested applications	Suitable for: IP, IHC-P, WB
Species reactivity	Reacts with: Hamster, Human, Recombinant fragment Predicted to work with: Mouse, Rat, Cow, Pig 
Immunogen	Synthetic peptide corresponding to Human Dihydrofolate reductase (DHFR) aa 27-40 (N terminal) conjugated to keyhole limpet haemocyanin (Cysteine residue). Sequence: PLRNEFRYFQRMTT Database link: P00374 Run BLAST with Run BLAST with
Positive control	WB: Recombinant DHFR.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 0.0268% PBS, 1% BSA
Purification notes	This antibody is affinity isolated.

Clonality Polyclonal
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab49881 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
IHC-P	★★★★★ (2)	Use at an assay dependent concentration.
WB	★★★★★ (2)	Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 21 kDa.

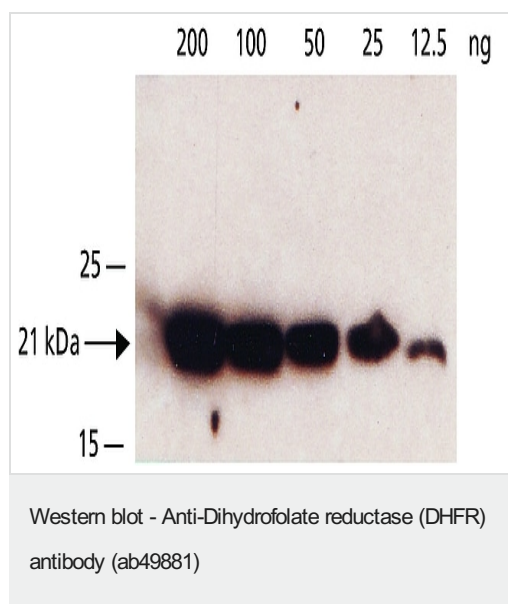
Target

Function Key enzyme in folate metabolism. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA precursor synthesis.

Pathway Cofactor biosynthesis; tetrahydrofolate biosynthesis; 5,6,7,8-tetrahydrofolate from 7,8-dihydrofolate: step 1/1.

Sequence similarities Belongs to the dihydrofolate reductase family. Contains 1 DHFR (dihydrofolate reductase) domain.

Images



All lanes : Anti-Dihydrofolate reductase (DHFR) antibody (ab49881) at 0.5 µg/ml

Lane 1 : recombinant DHFR at 0.2 µg

Lane 2 : recombinant DHFR at 0.1 µg

Lane 3 : recombinant DHFR at 0.05 µg

Lane 4 : recombinant DHFR at 0.025 µg

Lane 5 : recombinant DHFR at 0.0125 µg

Developed using the ECL technique.

Predicted band size: 21 kDa

Observed band size: 21 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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