

Product datasheet

info@arigobio.com

ARG58055 anti-DHFR antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes DHFR

Tested Reactivity Hu, Ms, Rat

Tested Application ICC/IF, IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name DHFR

Species Human

Immunogen Synthetic peptide derived from Human DHFR.

Conjugation Un-conjugated

Alternate Names EC 1.5.1.3; DHFRP1; DYR; Dihydrofolate reductase

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	~ 21 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol DHFR

Gene Full Name dihydrofolate reductase

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. [provided by RefSeq, Mar 2014]

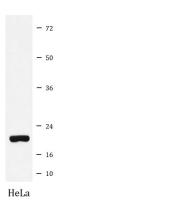
Function Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis

pathway. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA

precursor synthesis. Binds its own mRNA and that of DHFRL1. [UniProt]

Calculated Mw 21 kDa

Images



ARG58055 anti-DHFR antibody WB image

Western blot: HeLa cell lysate stained with ARG58055 anti-DHFR antibody.