

DHFR Antibody
Rabbit mAb
Catalog # AP91383

Specification

DHFR Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	P00374
Reactivity	Rat
Clonality	Monoclonal
Other Names	
DHFR; DHFRP1; Dihydrofolate reductase; DYR;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	21453 Da

DHFR Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human DHFR
Description	Key enzyme in folate metabolism. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA precursor synthesis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

DHFR Antibody - Protein Information

Name DHFR

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 DHFR2.

Cellular Location

Mitochondrion {ECO:0000250|UniProtKB:P00375}. Cytoplasm {ECO:0000250|UniProtKB:P00375}

Tissue Location

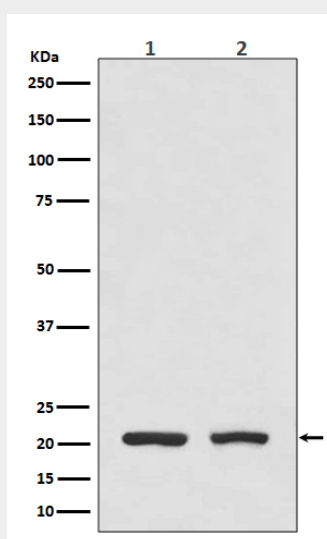
Widely expressed in fetal and adult tissues, including throughout the fetal and adult brains and whole blood Expression is higher in the adult brain than in the fetal brain

DHFR Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DHFR Antibody - Images



Western blot analysis of DHFR expression in (1) HeLa cell lysate; (2) Mouse spleen lysate.