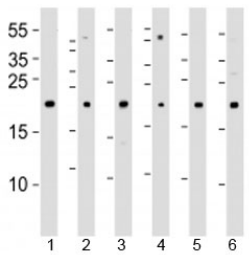
DHFR Antibody (F52556)

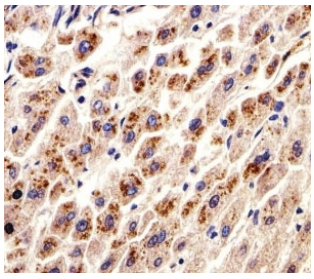
Catalog No.	Formulation	Size
F52556-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52556-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

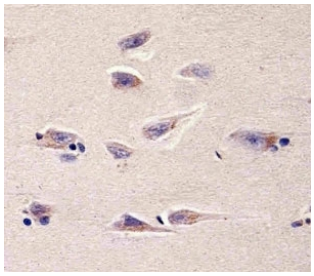
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Pig
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P00374
Applications	IHC (Paraffin): 1:25 Western blot: 1:1000
Limitations	This DHFR antibody is available for research use only.



Western blot analysis of lysate from 1) 293T, 2) HeLa, 3) Jurkat, 4) Y79 cell line , 5) mouse spleen and 6) rat kidney tissue lysate using DHFR antibody at 1:1000. Predicted molecular weight ~22 kDa.



IHC analysis of FFPE human liver section using DHFR antibody; Ab was diluted at 1:25.



Immunohistochemical analysis of paraffin-embedded human brain section using DHFR antibody; Ab was diluted at 1:25 dilution.

Description

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.

Application Notes

Titration of the DHFR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-50 from human Dihydrofolate reductase was used as the immunogen for this DHFR antibody.

Storage

Aliquot the DHFR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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