

Rabbit DHFR Polyclonal Antibody | anti-DHFR antibody

DHFR Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288954	Rabbit	Human, mouse, rat (Predicted Reactivity: Bovine, Pig)	Western Blot, Immunohistochemistry, ELISA

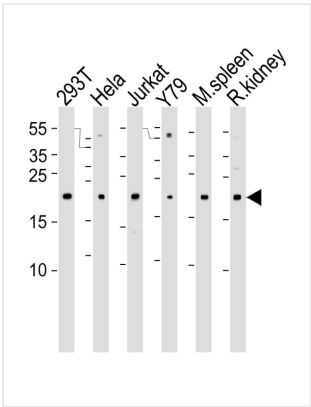
PRODUCT SYNONYMS

DHFR; Polyclonal Antibody; DHFR Antibody (N-term); Dihydrofolate reductase; anti-DHFR antibody

PRODUCT SPECIFICATIONS

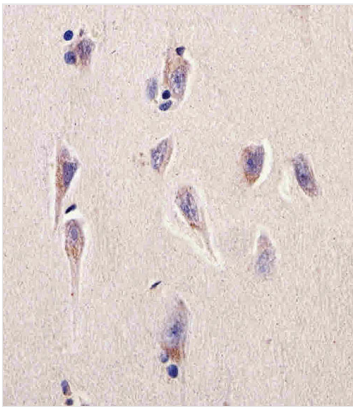
Host	Rabbit
Reactivity	Human, mouse, rat (Predicted Reactivity: Bovine, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DHFR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 16-30 amino acids from the N-terminal region of human DHFR.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	135
Applicable Applications for anti-DHFR antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



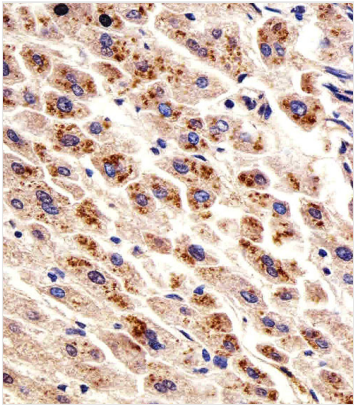
WB (Western Blot)

Western blot analysis of lysates from 293T, HeLa, Jurkat, Y79 cell line, mouse spleen and rat kidney tissue lysate(from left to right), using DHFR Antibody (N-term). AAA288954 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded H. brain section using DHFR Antibody (N-term). AAA288954 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. liver section using DHFR Antibody (N-term). AAA288954 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-DHFR antibody	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.
Product Categories/Family for anti-DHFR antibody	Crown Antibodies; Cell Biology; Metabolism; Signal Transduction
References	Chen M.-J.,et al.J. Biol. Chem. 259:3933-3943(1984). Masters J.N.,et al.Gene 21:59-63(1983). Yang J.K.,et al.J. Mol. Biol. 176:169-187(1984). Schmutz J.,et al.Nature 431:268-274(2004). Banka S.,et al.Am. J. Hum. Genet. 88:216-225(2011).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503323
NCBI GeneID	1719
NCBI Accession #	NP_000782.1
NCBI GenBank Nucleotide #	NM_000791.3

UniProt Accession #	P00374 ; Q14130 ; Q6IRW8 ; B4DDD2
Molecular Weight	21453
NCBI Official Full Name	dihydrofolate reductase isoform 1
NCBI Official Synonym Full Names	dihydrofolate reductase
NCBI Official Symbol	DHFR
NCBI Official Synonym Symbols	DYR; DHFRP1
NCBI Protein Information	dihydrofolate reductase
UniProt Protein Name	Dihydrofolate reductase
UniProt Gene Name	DHFR
UniProt Entry Name	DYR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dhfr-antibody-western-blot-immunohistochemistry-elisa/288954>