

DNAxPAb

Hard-to-Find
Antibody

DHFR DNAxPab

Catalog # H00001719-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DHFR DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVGSLNCIVAVSQNMGIGKNGDLPWPPLRNEFRYFQRMTTSSVEGKQNLVIMGKKTWFSIPEKN RPLKGRINLVLSRELKEPPQGAHFLSRSLDDALKLTEQPELANKVDMVWIVGGSSVYKEAMNHP GHLKLFVTRIMQDFESDTFFPEIDLEKYKLLPEYPGVLSDVQEEKGIKYKFEVYEKND
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — DHFR

Entrez GeneID [1719](#)

GeneBank Accession# [XM_932666.2](#)

Protein Accession# [XP_937759.1](#)

Gene Name DHFR

Gene Alias -

Gene Description dihydrofolate reductase

Omim ID [126060](#)

Gene Ontology [Hyperlink](#)

Gene Summary Dihydrofolate reductase converts dihydrofolate into tetrahydrofolate, a methyl group shuttle required for the de novo synthesis of purines, thymidylc 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. [provided by RefSeq]

Other Designations -

Pathway

- [Biosynthesis of phenylpropanoids](#)
- [Folate biosynthesis](#)
- [Metabolic pathways](#)
- [One carbon pool by folate](#)

Disease

- [Adrenoleukodystrophy](#)
- [Alcoholism](#)
- [Arthritis](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Demyelinating Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Heart Defects](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Intracranial Aneurysm](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)

- [Lymphoma](#)
- [Metabolic Diseases](#)
- [Microsatellite Instability](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Neural Tube Defects](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Skin Diseases](#)
- [Spinal Dysraphism](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)