



Anti-MTHFR polyclonal antibody (DPABH-23835)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine.
Target	MTHFR
Immunogen	Synthetic peptide, corresponding to a region within amino acids 606-656 of Human MTHFR (NP_005948.3).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IP
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphate. Note: pH 7-8
Preservative	0.09% Sodium Azide
Storage	Store at 4°C.

GENE INFORMATION

Gene Name	MTHFR methylenetetrahydrofolate reductase (NAD(P)H) [Homo sapiens]
Official Symbol	MTHFR
Synonyms	MTHFR; methylenetetrahydrofolate reductase (NAD(P)H); 5,10 methylenetetrahydrofolate reductase (NADPH); methylenetetrahydrofolate reductase; 5,10-methylenetetrahydrofolate reductase (NADPH);
Entrez Gene ID	4524
Protein Refseq	NP_005948
UniProt ID	P42898
Chromosome Location	1p36.3
Pathway	Fluoropyrimidine Activity; Folate Metabolism; Metabolic pathways; Metabolism; Metabolism of folate and pterines; Metabolism of vitamins and cofactors; Metabolism of water-soluble vitamins and cofactors
Function	methylenetetrahydrofolate reductase (NADPH) activity; modified amino acid binding; oxidoreductase activity;