



Anti-MTHFR polyclonal antibody (DPABH-13265)

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 Human MTHFR aa 644-656 (C terminal) (Cysteine residue). (NP_005948.3).Sequence: NRPTQNARETEAP Database link: P42898
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Procedure	Cardiac markers Antibodies
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 0.5% BSA, 99% Tris buffered saline
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

term. Avoid freeze / thaw cycle.

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;