

MTHFR Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2959a**Specification**

MTHFR Antibody (C-Term) - Product Information

Application	E
Primary Accession	P42898
Other Accession	NP_005948.3 , 4524
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	74597

MTHFR Antibody (C-Term) - Additional Information**Gene ID** 4524**Other Names**

Methylenetetrahydrofolate reductase, 1.5.1.20, MTHFR

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MTHFR Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

MTHFR Antibody (C-Term) - Protein Information**Name** MTHFR ([HGNC:7436](#))**Function**

Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a cosubstrate for homocysteine remethylation to methionine (PubMed:29891918). Represents a key regulatory connection between the folate and methionine cycles (Probable).

MTHFR Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MTHFR Antibody (C-Term) - Images**MTHFR Antibody (C-Term) - References**

Functional polymorphisms in folate metabolism genes influence the risk of meningioma and glioma. Bethke L, Webb E, Murray A, Schoemaker M, Feychting M, Lönn S, Ahlbom A, Malmer B, Henriksson R, Auvinen A, Kiuru A, Salminen T, Johansen C, Christensen HC, Muir K, McKinney P, Hepworth S, Dimitropoulou P, Lophatananon A, Swerdlow A, Houlston R. Cancer Epidemiol. Biomarkers Prev. 2008 May 17 (5): 1195-202. PMID: 18483342