

MTHFR (aa369-383) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3646a**Specification**

MTHFR (aa369-383) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P42898
Other Accession	NP_005948.3 , 4524 , 17769 (mouse) , 362657 (rat)
Reactivity	Mouse
Predicted	Human, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	74597

MTHFR (aa369-383) Antibody (internal region) - Additional Information**Gene ID** 4524**Other Names**

Methylenetetrahydrofolate reductase, 1.5.1.20, MTHFR

Dilution

WB~~1:1000

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 (aa369-383) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MTHFR (aa369-383) Antibody (internal region) - Protein Information**Name** MTHFR ([HGNC:7436](#))**Function**

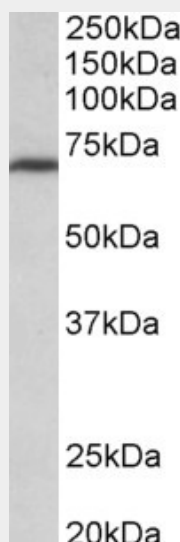
Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a cosubstrate for homocysteine remethylation to methionine (PubMed:29891918). Represents a key regulatory connection between the folate and methionine cycles (Probable).

MTHFR (aa369-383) Antibody (internal region) - 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 (aa369-383) Antibody (internal region) - Images



AF3646a (0.3 µg/ml) staining of NIH3T3 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MTHFR (aa369-383) Antibody (internal region) - References

MTHFR association with arteriosclerotic vascular disease? Fletcher O, Kessler AM. Hum Genet. 1998 Jul;103(1):11-21. PMID: 9737770