

MTHFR Rabbit pAb

Catalog No.: A0305

Basic Information

Observed MW

75kDa

Calculated MW

75kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Rat

Background

The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4524

Swiss Prot

P42898

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human MTHFR (NP_005948.3).

Synonyms

MTHFR

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

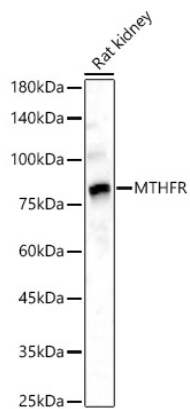
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of Rat kidney, using MTHFR Rabbit pAb (A0305) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.