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MTHFS Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56880

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	P49914
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23256

Additional Information

Gene ID	10588
Other Names	5-formyltetrahydrofolate cyclo-ligase, 6.3.3.2, 5, 10-methenyl-tetrahydrofolate synthetase, MTHFS, Methenyl-THF synthetase, MTHFS
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MTHFS
Function	Contributes to tetrahydrofolate metabolism. Helps regulate carbon flow through the folate-dependent one-carbon metabolic network that supplies carbon for the biosynthesis of purines, thymidine and amino acids. Catalyzes the irreversible conversion of 5- formyltetrahydrofolate (5-FTHF) to yield 5,10-methenyltetrahydrofolate.
Cellular Location	Cytoplasm.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.