

MTHFR Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05643
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MTHFR. AA range:314-363
Mol wt	74597
Species reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	MTHFR Antibody
Synonyms	MTHFR; Methylenetetrahydrofolate reductase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Methylenetetrahydrofolate reductase encoded by MTHFR 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.

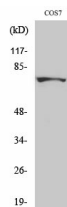
Recommended Dilution

WB: 1: 500 - 1: 2000

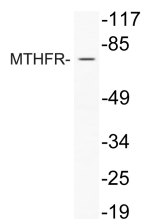
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using MTHFR Polyclonal Antibody



Western blot analysis of lysate from COLO205 cells treated with Forskolin, using MTHFR antibody.

Storage

-20°C for one year

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