



MTHFS Antibody

CATALOG NUMBER: 46-871



Western blot analysis of MTHFS in human liver lysate (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide using MTHFS Antibody at 0.5 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32,000. Western Blot: Approximately 25 kDa band observed in human liver lysates (calculated MW of 23.3 kDa according to NP_006432.1). Recommended concentration: 0.5-1.5 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1304 - Human Liver Tissue Lysate
IMMUNOGEN:	MTHFS antibody was raised against a 13 amino acid synthetic peptide near the internal region of MTHFS.
HOST SPECIES:	Goat

Properties

PURIFICATION:	MTHFS antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	MTHFS antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MTHFS, 5, 10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase), FLJ30410, HsT19268
ACCESSION NO.:	NP_006432.1
PROTEIN GI NO.:	5453746
OFFICIAL SYMBOL:	MTHFS

GENE ID: 10588

Background

REFERENCES: 1) Anguera MC, Stover PJ. Methenyltetrahydrofolate synthetase is a high-affinity catecholamine-binding protein. Arch Biochem Biophys. 2006 Nov 15;455(2):175-87. Epub 2006 Oct 4.

FOR RESEARCH USE ONLY

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