

Rabbit anti-Human MTHFR Polyclonal Antibody | anti-MTHFR antibody

Rabbit anti-MTHFR Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212239	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

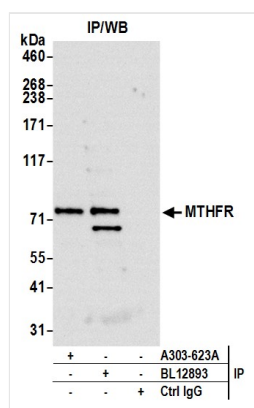
PRODUCT SYNONYMS

MTHFR; Polyclonal Antibody; Rabbit anti-MTHFR Antibody; Affinity Purified; 5; 10-methylenetetrahydrofolate reductase (NADPH); methylenetetrahydrofolate reductase; methylenetetrahydrofolate reductase (NAD(P)H); Methylenetetrahydrofolate reductase; anti-MTHFR antibody

PRODUCT SPECIFICATIONS

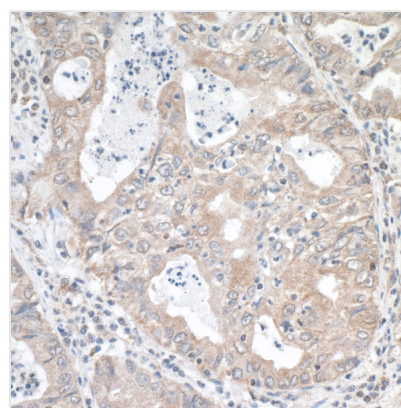
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MTHFR antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human MTHFR by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MTHFR antibody AAA212239 (lot AAA212239-2) used for IP at 3 ug per reaction. MTHFR was also immunoprecipitated by rabbit anti-MTHFR antibody BL12893. For blotting immunoprecipitated MTHFR, AAA212239 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human MTHFR by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-MTHFR (Cat. No. AAA212239 lot 2) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB.

ADDITIONAL INFORMATION

Related Product Information for anti-MTHFR antibody	Methylenetetrahydrofolate reductase (MTHFR) catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine.
Product Categories/Family for anti-MTHFR antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	87240000
NCBI GeneID	4524
NCBI Accession #	NP_005948.3
NCBI GenBank Nucleotide #	NM_005957.4
UniProt Accession #	P42898; Q5SNW6; Q5SNW9; Q7Z6M6; Q8IU73; Q9UQR2; B2R7A6
Molecular Weight	78,965 Da
NCBI Official Full Name	methylenetetrahydrofolate reductase isoform 2
NCBI Official Synonym Full Names	methylenetetrahydrofolate reductase
NCBI Official Symbol	MTHFR
NCBI Protein Information	methylenetetrahydrofolate reductase
UniProt Protein Name	Methylenetetrahydrofolate reductase
UniProt Gene Name	MTHFR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mthfr-antibody-immunohistochemistry-immunoprecipitation-elisa/212239>