

Rabbit MTHFD1L Polyclonal Antibody | anti-MTHFD1L antibody

MTHFD1L Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280612	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

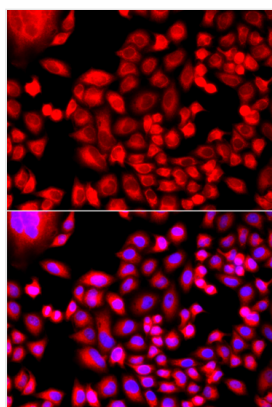
PRODUCT SYNONYMS

MTHFD1L; Polyclonal Antibody; MTHFD1L Polyclonal Antibody; anti-MTHFD1L antibody

PRODUCT SPECIFICATIONS

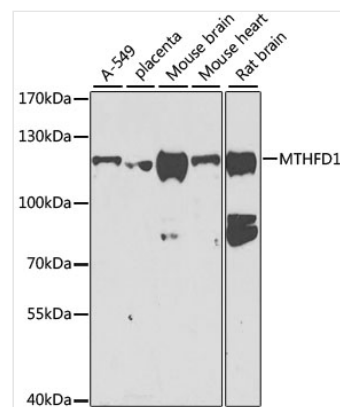
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	979
Applicable Applications for anti-MTHFD1L antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MTHFD1L
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using MTHFD1L antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MTHFD1L antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-MTHFD1L antibody	The protein encoded by this gene is involved in the synthesis of tetrahydrofolate (THF) in the mitochondrion. THF is important in the de novo synthesis of purines and thymidylate and in the regeneration of methionine from homocysteine. Several transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	337756501
NCBI GeneID	25902
NCBI Accession #	NP_001229696.1
NCBI GenBank Nucleotide #	NM_001242767.1
UniProt Accession #	Q6UB35; Q2TBF3; Q8WVW0; Q96HG8; Q9H789; Q9UFU8
Molecular Weight	106kDa
NCBI Official Full Name	monofunctional C1-tetrahydrofolate synthase, mitochondrial isoform 1
NCBI Official Synonym Full Names	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like
NCBI Official Symbol	MTHFD1L
NCBI Official Synonym Symbols	FTHFSDC1; MTC1THFS; dJ292B18.2
NCBI Protein Information	monofunctional C1-tetrahydrofolate synthase, mitochondrial
UniProt Protein Name	Monofunctional C1-tetrahydrofolate synthase, mitochondrial
UniProt Gene Name	MTHFD1L
UniProt Synonym Gene Names	FTHFSDC1
UniProt Entry Name	C1TM_HUMAN

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://stage.aaabiotech.com/polyclonal/mthfd1l-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280612>