# Rabbit MTHFD1L Polyclonal Antibody | anti-MTHFD1L antibody

MTHFD1L Polyclonal Antibody

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

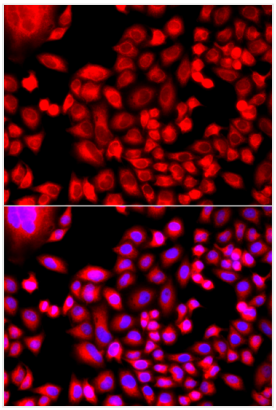
## PRODUCT SYNONYMS

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

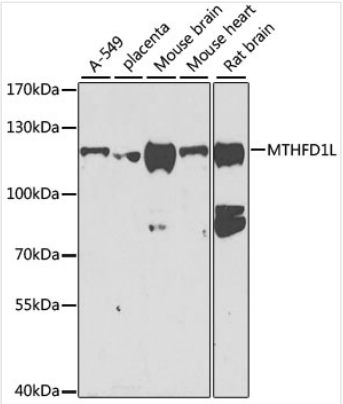
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **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.<br>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

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|---|---|
| **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. |

## 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://www.aaabiotech.com/polyclonal/mthfd1l-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280612