

## ARG42216 anti-MTHFD1L antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MTHFD1L
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MTHFD1L
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 759-978 of Human MTHFD1L (NP_056255.2).
Conjugation	Un-conjugated
Alternate Names	MTC1THFS; DJ292B18.2; Formyltetrahydrofolate synthetase; EC 6.3.4.3; Monofunctional C1-tetrahydrofolate synthase, mitochondrial; FTHFSDC1

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A549	
Observed Size	~ 117 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	MTHFD1L
Gene Full Name	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like
Background	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. [provided by RefSeq, Jun 2011]
Function	May provide the missing metabolic reaction required to link the mitochondria and the cytoplasm in the mammalian model of one-carbon folate metabolism in embryonic an transformed cells complementing thus the enzymatic activities of MTHFD2. [UniProt]
Calculated Mw	106 kDa
Cellular Localization	Mitochondrion. [UniProt]

## Images

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