

Product datasheet

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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

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

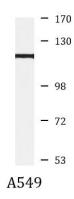
mammalian model of one-carbon folate metabolism in embryonic an transformed cells complementing

thus the enzymatic activities of MTHFD2. [UniProt]

Calculated Mw 106 kDa

Cellular Localization Mitochondrion. [UniProt]

Images



ARG42216 anti-MTHFD1L antibody WB image

Western blot: 25 μg of A549 cell lysate stained with ARG42216 anti-MTHFD1L antibody at 1:1000 dilution.