

ARG64519 anti-MTHFS antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MTHFS
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MTHFS
Species	Human
Immunogen	KRCLQHGEVKPYT
Conjugation	Un-conjugated
Alternate Names	Methenyl-THF synthetase; EC 6.3.3.2; 5-formyltetrahydrofolate cyclo-ligase; HsT19268; MTHFS; 5,10-methenyl-tetrahydrofolate synthetase

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.5 - 1.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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

Database links

[GeneID: 10588 Human](#)

[Swiss-port # P49914 Human](#)

Background

The protein encoded by this gene is an enzyme that catalyzes the conversion of 5-formyltetrahydrofolate to 5,10-methenyltetrahydrofolate, a precursor of reduced folates involved in 1-carbon metabolism. An increased activity of the encoded protein can result in an increased folate turnover rate and folate depletion. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2011]

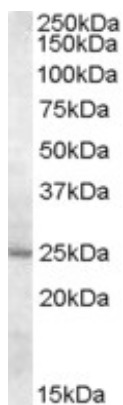
Research Area

Metabolism antibody; Signaling Transduction antibody

Calculated Mw

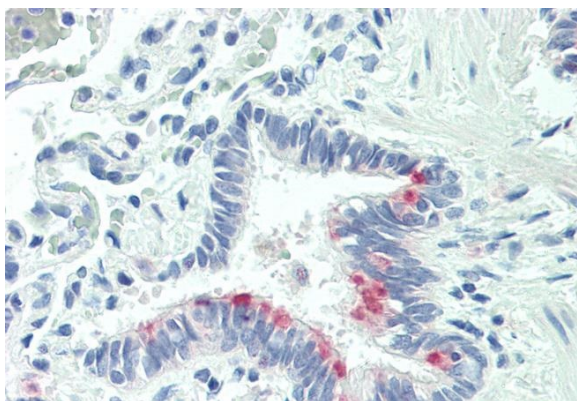
23 kDa

Images



ARG64519 anti-MTHFS antibody WB image

Western Blot: Human Liver lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. stained with ARG64519 anti-MTHFS antibody at 0.5 µg/ml dilution.



ARG64519 anti-MTHFS antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64519 anti-MTHFS antibody at 5 µg/ml dilution followed by AP-staining.