

ARG65640 anti-MTHFR antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MTHFR
Tested Reactivity	Ms
Predict Reactivity	Hu, Rat, Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Target Name	MTHFR
Species	Human
Immunogen	Synthetic peptide around the center region of Human MTHFR (C-SRPKSYIYRTQEWDE)
Conjugation	Un-conjugated
Alternate Names	EC 1.5.1.20; Methylenetetrahydrofolate reductase

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purified
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: 17769 Mouse Swiss-port # Q9WU20 Mouse
Gene Symbol	MTHFR
Gene Full Name	methylenetetrahydrofolate reductase (NAD(P)H)
Background	The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency.[provided by RefSeq, Oct 2009]
Function	Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine.
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	75 kDa

Images



ARG65640 anti-MTHFR antibody WB image

Western blot: 35 µg of NIH3T3 lysate stained with ARG65640 anti-MTHFR antibody at 0.3 µg/ml dilution (1h incubation).