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MTHFD2L Rabbit pAb

Catalog # AP98254

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H903
Other Accession	Q9H903
Reactivity	Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37315
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MTHFD2L
Epitope Specificity	51-150/347
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the tetrahydrofolate dehydrogenase/cyclohydrolase family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	441024
Other Names	1110019K23Rik; C630010D07Rik; RGD1310879; MTD2L_HUMAN; MTHFD2L; NADP-dependent methylenetetrahydrofolate dehydrogenase 2-like protein (MTHFD2-like); MTD2L_MOUSE; MTD2L_RAT; methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2 like
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MTHFD2L (HGNC:31865)
Function	Bifunctional mitochondrial folate-interconverting enzyme that has both NAD/NADP-dependent methylenetetrahydrofolate dehydrogenase and methenyltetrahydrofolate cyclohydrolase activities.
Cellular Location	Mitochondrion inner membrane {ECO:0000250|UniProtKB:D3ZUA0};

	Peripheral membrane protein {ECO:0000250|UniProtKB:D3ZUA0}; Matrix side {ECO:0000250|UniProtKB:D3ZUA0}
Tissue Location	Isoform 1, isoform 4 and isoform 5 are expressed in brain and placenta.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.