

ARG63150 anti-MTR antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MTR
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MTR
Species	Human
Immunogen	C-VEKWLGPILGYDTD
Conjugation	Un-conjugated
Alternate Names	cbIG; Methionine synthase; 5-methyltetrahydrofolate--homocysteine methyltransferase; Vitamin-B12 dependent methionine synthase; MS; HMAG; EC 2.1.1.13

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml

Application Note
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 ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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: 4548 Human](#)

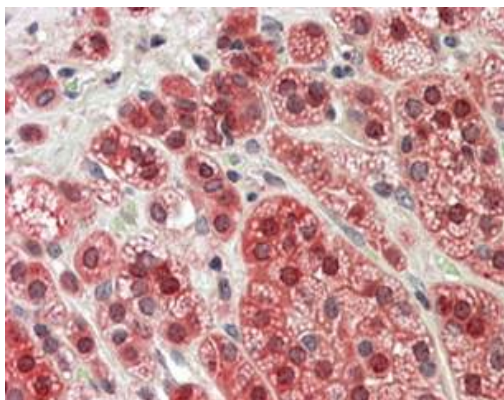
[Swiss-port # Q99707 Human](#)

Background MTR encodes the enzyme 5-methyltetrahydrofolate-homocysteine methyltransferase. This enzyme, also known as cobalamin-dependent methionine synthase, catalyzes the final step in methionine biosynthesis. Mutations in MTR have been identified as the underlying cause of methylcobalamin deficiency complementation group G. [provided by RefSeq, Jul 2008]

Research Area Gene Regulation antibody

Calculated Mw 141 kDa

Images



ARG63150 anti-MTR antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Adrenal Gland. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63150 anti-MTR antibody at 3.8 $\mu\text{g}/\text{ml}$ dilution followed by AP-staining.