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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05055 - Goat Anti-MTR Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MTR, 5-methyltetrahydrofolate-homocysteine methyltransferase, 5-methyltetrahydrofolate-homocysteine methyltransferase 1, FLJ33168, FLJ43216, FLJ45386, MS, cblG, cobalamin-dependent methionine synthase, methionine synthase, vitamin-B12 dependent methionine synthase

Official Symbol: MTR

Accession Number(s): NP_000245.2[NP_001278868.1; NP_001278869.1

Human GeneID(s): [4548](#)

Non-Human GeneID(s): 81522 (rat)

Immunogen

Peptide with sequence C-VEKWLGPILGYDTD, from the C Terminus of the protein sequence according to NP_000245.2[NP_001278868.1; NP_001278869.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

IHC: In paraffin embedded Human Adrenal Gland shows cytoplasm staining in the cortex. Recommended concentration: 3-5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

Specific Reference

This antibody (previous batch) has been successfully used in Western blot on Rat:

Yeo Jin Choi, Jong Deok Na, Doo Sung Jun, Young Chul Kim.

Protective effect of betaine against galactosamine-induced acute liver injury in rats
Journal of Functional Foods 44 (2018) 65-73.

PMID: 0

EB05055 (3.8µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.