

International Office

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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 GenelD(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

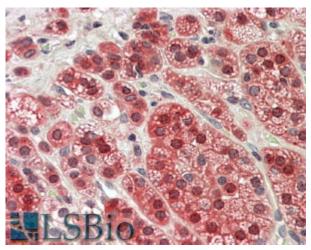
Specific Reference

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



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