

## UK 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 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

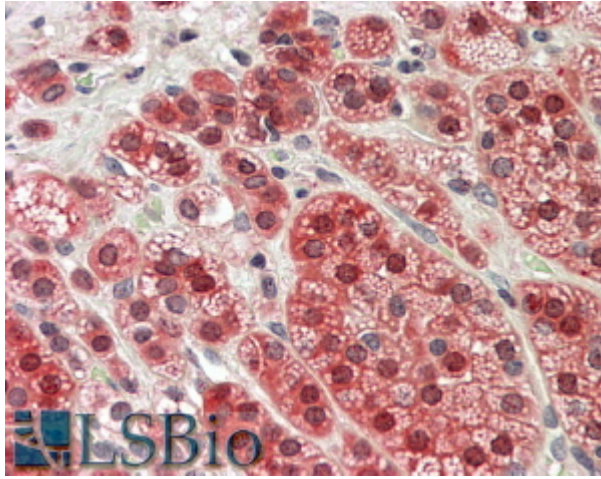
### Specific Reference

**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.