

Goat anti-MTR Antibody

Item Number	dAP-0024
Target Molecule	Principle Name: MTR; Official Symbol: MTR; All Names and Symbols: 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; Accession Number (s): NP_000245.2; Human Gene ID(s): 4548; Non-Human GeneID(s): 81522 (rat)
Immunogen	VEKWLGPILGYDTD, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 150kDa band seen in HeLa and Jurkat cell lysates. Recommended for use at 1-3 µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Adrenal Gland shows cytoplasm staining in the cortex. Recommended concentration: 3-5µg/ml.
Reference	Reference(s): Chen LH, Liu ML, Hwang HY, Chen LS, Korenberg J, Shane B. Human methionine synthase. cDNA cloning, gene localization, and expression. J Biol Chem 1997 Feb 7;272(6):3628-34.PMID: 9013615->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**