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

EB06595 - Goat Anti-COMT (N Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: COMT, catechol-O-methyltransferase

Official Symbol: COMT

Accession Number(s): NP_000745.1; NP_001128633.1; NP_001128634.1;
NP_009294.1

Human GeneID(s): [1312](#)

Important Comments: This antibody is expected to recognise both reported isoforms.
Variants (NP_000745.1; NP_001128633.1; NP_001128634.1) encode the same isoform.

Immunogen

Peptide with sequence GDTKEQRILNHVLQC, from the N Terminus of the protein
sequence according to NP_000745.1; NP_001128633.1; NP_001128634.1;
NP_009294.1.

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 1:8000.

Western blot: Approx 26kDa plus 29kDa bands observed in Human Testis lysates
(calculated MW of 30.0kDa according to NP_000745.1 and of 24.5kDa according to
NP_009294.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

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

Staining of human testis lysate (35µg protein in RIPA buffer) with EB06595 (0.3µg/ml). Primary incubation was 1 hour. Detected by chemiluminescence.