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EB07357-B - Goat Anti-COMT (internal), Biotinylated Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: COMT, catechol-O-methyltransferase, HEL-S-98n, catechol-O-methyltransferase isoform, epididymis secretory sperm binding protein Li 98n, testicular tissue protein Li 42
Official Symbol: COMT
Accession Number(s): NP_000745.1; NP_009294.1
Human GeneID(s): 1312
Important Comments: This antibody is expected to recognize. Reported variants represent identical protein: XP_011528193.1, XP_011528191.1, XP_011528192.1, XP_011528189.1, XP_011528190.1 Reported variants represent identical protein: NP_000745.1, NP_001128633.1, NP_001128634.1

Immunogen

Peptide with sequence CQDIIPQLKKKYDVD., from the internal region of the protein sequence according to NP_000745.1; NP_009294.1.

Please note the peptide is available for sale.

Purification and Storage

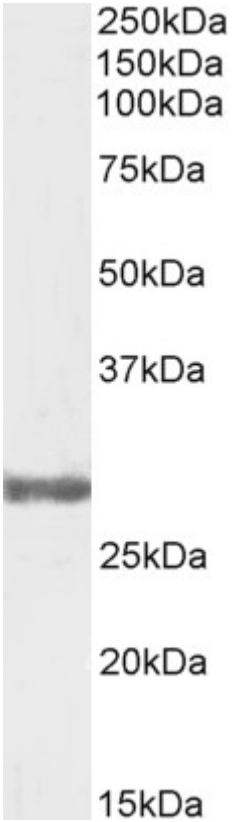
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.
Western blot: Approx 28kDa band observed in Human Testis lysates. Recommended concentration: 0.3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human



Biotinylated EB07357 (0.3µg/ml) staining of Testis lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.