

Goat anti-COMT (internal), Biotinylated Antibody

Item Number	dAP-3503
Target Molecule	Principle Name: COMT (internal), Biotinylated; Official Symbol: COMT; All Names and Symbols: COMT; catechol-O-methyltransferase; HEL-S-98n; catechol-O-methyltransferase isoform; epididymis secretory sperm binding protein Li 98n; testicular tissue protein Li 42; Accession Number (s): NP_000745.1; NP_009294.1; Human Gene ID(s): 1312; Non-Human GeneID(s):
Immunogen	CQDIIPQLKKKYDVD., is from internal region 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
Applications	Pep ELISA, WB 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 64000.
Western Blot	Western Blot: Approx 28kDa band observed in Human Testis lysates. Recommended concentration: 0.3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Tunbridge EM, Harrison PJ, Weinberger DR. Catechol-o-methyltransferase, cognition, and psychosis: Val158Met and beyond. Biological psychiatry 2006 Jul 60 (2): 141-51..PMID: 16476412->

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**