

Goat COMT Polyclonal Antibody | anti-COMT antibody

Goat anti-COMT (internal) Antibody

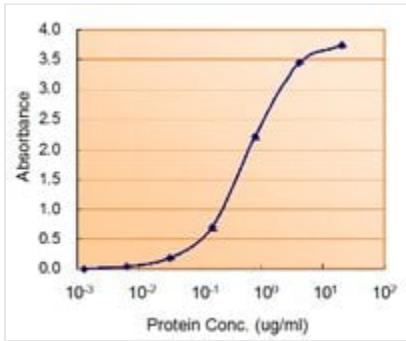
CATALOG # AAA61171	HOST Goat	REACTIVITY Tested: Human; Expected from sequence similarity: Human	APPLICATIONS ELISA, Western Blot, ELISA
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PRODUCT SYNONYMS

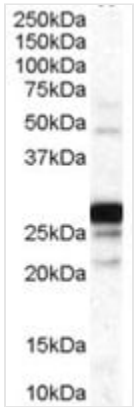
COMT; Polyclonal Antibody; Goat anti-COMT (internal) Antibody; Goat Anti-COMT (N Terminus) Antibody; catechol-O-methyltransferase; COMT antibody; catechol-O-methyltransferase antibody; COMT (internal); anti-COMT antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QDIIPQLKKK YDVD
Sequence Length	271
Applicable Applications for anti-COMT antibody	ELISA, WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QDIIPQLKKKYDVD, from the internal region of the protein sequence according to NP_000745.1; NP_009294.1.
Epitope	Internal region
Note	This antibody is expected to recognise both reported isoforms (NP_000745.1 and NP_009294.1)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



Application Data
0.5ug/ml) as the reporter with as the capture rabbit antibody (2.5ug/ml).



WB (Western Blot)
Staining of human testis lysate (35ug protein in RIPA buffer) (0. 03ug/ml). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502969
NCBI GeneID	1312
NCBI Accession #	NP_000745.1; NP_009294.1
NCBI GenBank Nucleotide #	NM_000754.3
Molecular Weight	24,449 Da
NCBI Official Full Name	catechol O-methyltransferase isoform MB-COMT
NCBI Official Synonym Full Names	catechol-O-methyltransferase
NCBI Official Symbol	COMT
NCBI Official Synonym Symbols	HEL-S-98n
NCBI Protein Information	catechol O-methyltransferase
UniProt Protein Name	Catechol O-methyltransferase
UniProt Gene Name	COMT
UniProt Entry Name	COMT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.