

Rabbit anti-Human Catechol-O-Methyltransferase (COMT) Polyclonal Antibody | anti-COMT antibody

Polyclonal Antibody to Catechol-O-Methyltransferase (COMT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132997	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

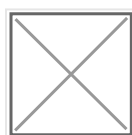
PRODUCT SYNONYMS

Catechol-O-Methyltransferase (COMT); Polyclonal Antibody; Polyclonal Antibody to Catechol-O-Methyltransferase (COMT); anti-COMT antibody

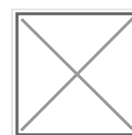
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against COMT. It has been selected for its ability to recognize COMT in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-GDTKEQRI LNHVLQHAEP GNAQSVLEAI DTYCEQKEWA MNVGDKKGGKI VDAVIQEHQP SVLLELGAYC GYSAVRMARL LSPGARLITI EINPDCAIT QRMVDFAGVK DKVTLVVGAS QDIIPQLKKK YDVDTLDMVF LDHWKDRYLP DTLLEECGL LRKGTVLLAD NVICPGAPDF LAHVRGSSCF ECTHYQSFLE YREVVDGLEK AIYKPGPSEA GP
Sequence Length	27
Applicable Applications for anti-COMT antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant COMT (Gly52~Pro271) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Human Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant COMT, Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human A549 Cells; Lane2: Human MCF7 Cells; Lane3: Human Liver Tissue; Lane4: Human 293T Cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502969
NCBI GeneID	1312
NCBI Accession #	NP_000745.1
NCBI GenBank Nucleotide #	NM_000754.3
UniProt Accession #	P21964; Q6IB07; Q6ICE6; Q9BWC7; A8MPV9
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/catechol-o-methyltransferase-comt-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132997>