

Mouse anti-Human, Rat Catechol-O-Methyltransferase (COMT) Monoclonal Antibody | anti-COMT antibody

Monoclonal Antibody to Catechol-O-Methyltransferase (COMT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152816	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

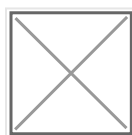
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

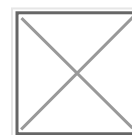
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C7
Specificity	The antibody is a mouse monoclonal antibody raised against COMT. It has been selected for its ability to recognize COMT in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Gly63~Ser264
Applicable Applications for anti-COMT antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Catechol-O-Methyltransferase (COMT)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)

Western Blot; Sample: Lane1: Rat Liver lysate; Lane2: Rat Kidney lysate; Lane3: 293T cell lysate
Primary Ab: 0.3ug/ml Mouse Anti-Rat COMT Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)

Western Blot; Sample: 293T cell lysate
Primary Ab: 0.2ug/ml Mouse Anti-Rat COMT Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-COMT antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978681
NCBI GeneID	24267
NCBI Accession #	NP_036663.1
NCBI GenBank Nucleotide #	NM_012531.2
UniProt Accession #	P22734
Molecular Weight	24,747 Da
NCBI Official Full Name	catechol O-methyltransferase
NCBI Official Synonym Full Names	catechol-O-methyltransferase
NCBI Official Symbol	Comt
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/monoclonal/catechol-o-methyltransferase-comt-antibody-clone-c7-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152816>