

A98365Ra01
Polyclonal Antibody to Catechol-O-Methyltransferase (COMT)
Organism: Rattus norvegicus (Rat)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: COMT, Rat

Clonality: Polyclonal

Host: Rabbit

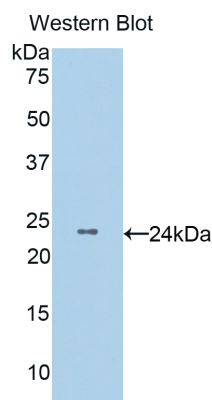
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant COMT, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant COMT (Gly63~Ser264) expressed in *E. coli*.

USCN Accession No.: P98365Ra01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGSEF- GDPQSVLE AIDTYCTQKE WAMNVGDAKG QIMDAVIREY
 SPSLVLELGA YCGYS AVRMA RLLQPGARLL TME MNPDYAA ITQ QMLNFAG LQDKVTILNG
 ASQDLIPQLK KKYDVDTLDM VFLDHWKDRY LPDTLLLEKC GLLRKGTVLL ADNIVVPGTP
 DFLAYVRGSS SFECTHYSSY LEYMKVVDGL EKAIYQGPSS PDKS

Unique product Superb quality Client favorite Nicest service  ISO9001:2008;  ISO13485:2003; 

[ANTIBODY 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.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant COMT (Gly63~Ser264) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.