

**COMT Antibody**  
Rabbit mAb  
Catalog # AP91943

## Specification

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### COMT Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">P21964</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
Catechol O methyltransferase; COMT;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	30037 Da

### COMT Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human COMT
Description	Catalyzes the O-methylation, and thereby the inactivation, of catecholamine neurotransmitters and catechol hormones. Also shortens the biological half-lives of certain neuroactive drugs, like L-DOPA, alpha-methyl DOPA and isoproterenol.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### COMT Antibody - Protein Information

**Name** COMT ([HGNC:2228](#))

#### Function

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#### Cellular Location

[Isoform Soluble]: Cytoplasm

#### Tissue Location

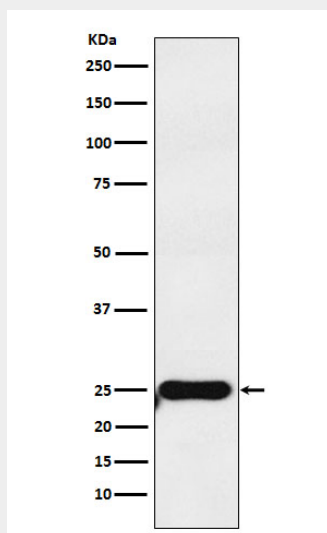
Brain, liver, placenta, lymphocytes and erythrocytes

## COMT Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## COMT Antibody - Images



Western blot analysis of COMT expression in MOLT4 cell lysate.