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Tel: 858.875.1900 Fax: 858.875.1999

COMT Antibody (N-Terminus)
Goat Polyclonal Antibody
Catalog # ALS13672

Specification

COMT Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	P21964
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**30kDa KDa**

COMT Antibody (N-Terminus) - Additional Information

Gene ID 1312

Other Names
Catechol O-methyltransferase, 2.1.1.6, COMT

Target/Specificity
Human COMT. This antibody is expected to recognise both reported isoforms. Variants (NP_000745.1; NP_001128633.1; NP_001128634.1) encode the same isoform.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
COMT Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

COMT Antibody (N-Terminus) - Protein Information

Name COMT (HGNC:2228)

Function
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.

Cellular Location
[Isoform Soluble]: Cytoplasm

Tissue Location
Brain, liver, placenta, lymphocytes and erythrocytes

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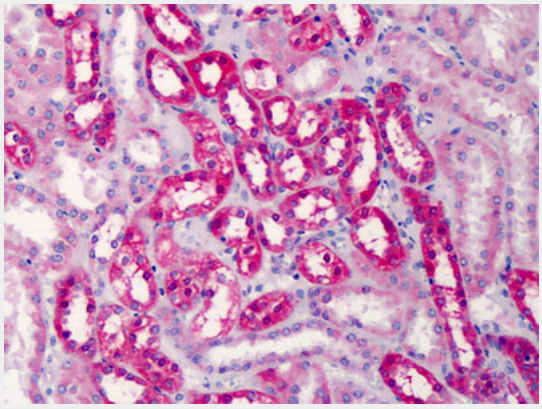
COMT Antibody (N-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

COMT Antibody (N-Terminus) - Images



Anti-COMT antibody IHC of human kidney.

COMT Antibody (N-Terminus) - Background

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.

COMT Antibody (N-Terminus) - References

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Bertocci B.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:1416-1420(1991).
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