

Goat Anti-COMT (internal), Biotinylated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4325a

Specification

Goat Anti-COMT (internal), Biotinylated Antibody - Product Information

Application	WB, E
Primary Accession	P21964
Other Accession	NP_000745.1 , NP_009294.1
Reactivity	Human
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	30037

Goat Anti-COMT (internal), Biotinylated Antibody - Additional Information

Gene ID 1312

Other Names

Catechol O-methyltransferase, 2.1.1.6, COMT

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Immunogen

Peptide with sequence CQDIIPQLKKKYDVD., from the internal region of the protein sequence according to [NP_000745.1](#); [NP_009294.1](#).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-COMT (internal), Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-COMT (internal), Biotinylated Antibody - 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

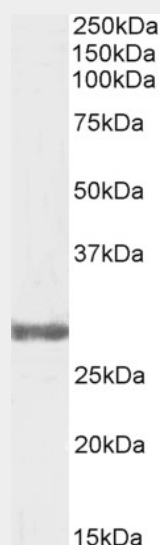
Tissue Location

Brain, liver, placenta, lymphocytes and erythrocytes

Goat Anti-COMT (internal), Biotinylated 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](#)

Goat Anti-COMT (internal), Biotinylated Antibody - Images

Biotinylated AF4325a (0.3 µg/ml) staining of Testis lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.