

Goat Anti-COMT (internal), Biotinylated Antibody

Peptide-affinity purified goat antibody Catalog # AF4325a

Product Information

Application	WB, E
Primary Accession	<u>P21964</u>
Other Accession	<u>NP_000745.1</u> , <u>NP_009294.1</u>
Reactivity	Human
Predicted	Human
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Calculated MW	30037

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.

Protein Information

Name	COMT (<u>HGNC:2228</u>)
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

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.