10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-COMT (internal), Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4325a

Product Information

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

Additional Information

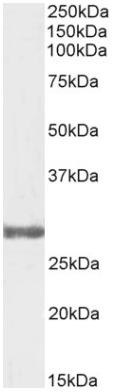
Gene ID	1312
Other Names	Catechol O-methyltransferase, 2.1.1.6, COMT
Dilution	WB~~1:1000 E~~N/A
Format	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Immunogen	Peptide with sequence CQDIIPQLKKKYDVD., from the internal region of the protein sequence according to NP_000745.1; 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 (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

Images



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

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