

KD-Validated Anti-Catechol-O-methyltransferase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1224

Product Information

Application	WB, FC
Primary Accession	P21964
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB3735
Calculated MW	30037
Gene Name	COMT
Aliases	COMT; Catechol-O-Methyltransferase; Catechol O-Methyltransferase; EC 2.1.1.6; Epididymis Secretory Sperm Binding Protein Li 98n; Testicular Tissue Protein Li 42; HEL-S-98n
Immunogen	A synthesized peptide derived from human COMT

Additional Information

Gene ID	1312
Other Names	Catechol O-methyltransferase, 2.1.1.6, COMT (HGNC:2228)

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

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