COMT Rabbit Monoclonal Antibody

CAB4435

Product Information

Product SKU:	CAB4435	**Gene ID**:	1312	**Size**:	20uL, 100uL
Clone No:	ARC1006	**Host Species:**	Rabbit	**Reactivity**:	Human,Rat

Additional Information

Observed MW:	25kDa/28kDa	**Conjugate:**	Unconjugated
Calculated MW:	30kDa	**Isotype:**	IgG

Immunogen Information

Background:	Catechol-O-methyltransferase catalyzes the transfer of a methyl group from S-adenosylmethionine to catecholamines, including the neurotransmitters dopamine, epinephrine, and norepinephrine. This O-methylation results in one of the major degradative pathways of the catecholamine transmitters. In addition to its role in the metabolism of endogenous substances, COMT is important in the metabolism of catechol drugs used in the treatment of hypertension, asthma, and Parkinson disease. COMT is found in two forms in tissues, a soluble form (S-COMT) and a membrane-bound form (MB-COMT). The differences between S-COMT and MB-COMT reside within the N-termini. Several transcript variants are formed through the use of alternative translation initiation sites and promoters.
Recommended Dilution:	WB,1:500 - 1:1000
Synonyms:	HEL-S-98n; COMT
Purifcation Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human COMT (P21964).
Storage:	Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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