

Anti-COMT Rabbit Monoclonal Antibody

Catalog # ABO15430

Product Information

Application	WB, IHC
Primary Accession	P21964
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-COMT Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	1312
Other Names	Catechol O-methyltransferase, 2.1.1.6, COMT (HGNC:2228)
Calculated MW	30037
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 20C06
Immunogen	A synthesized peptide derived from human COMT
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

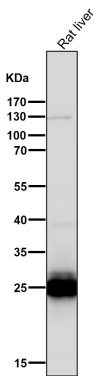
Cellular Location

[Isoform Soluble]: Cytoplasm

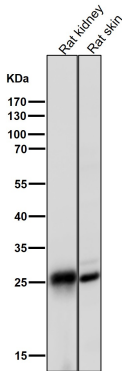
Tissue Location

Brain, liver, placenta, lymphocytes and erythrocytes

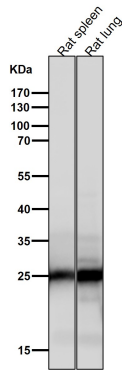
Images



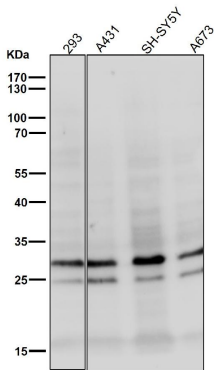
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



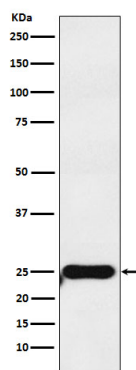
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Western blot analysis of COMT expression in MOLT4 cell lysate.

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