9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

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

Rabbit monoclonal antibody

ABG1224

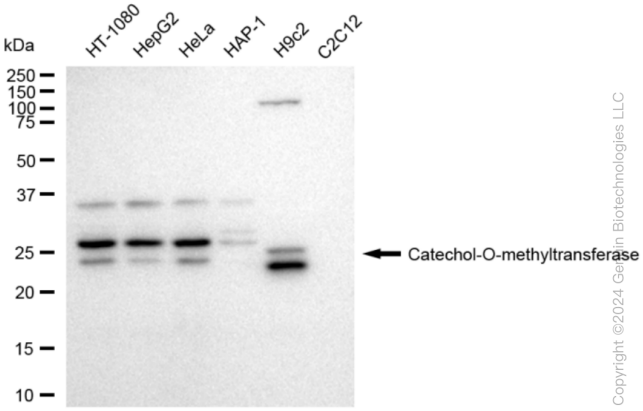
Product Overview

Name	KD-Validated Anti-Catechol-O-methyltransferase Rabbit Monoclonal Antibody
Accession(Primary)	P21964
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human COMT
Species Reactivity	Human, Rat
Calculated MW	Predicted, 30 kDa , observed, 24,28 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Target information (P21964)

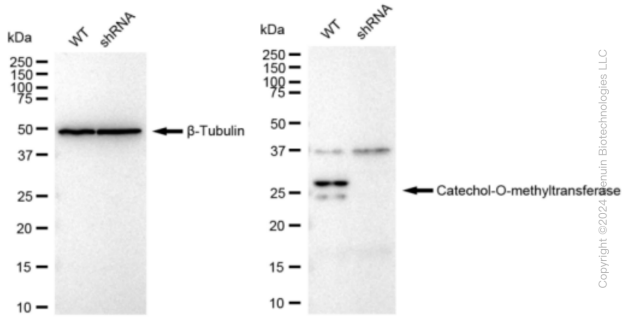
Gene Name	COMT
About Gene Symbol	COMT (Catechol-O-Methyltransferase) is a methyltransferase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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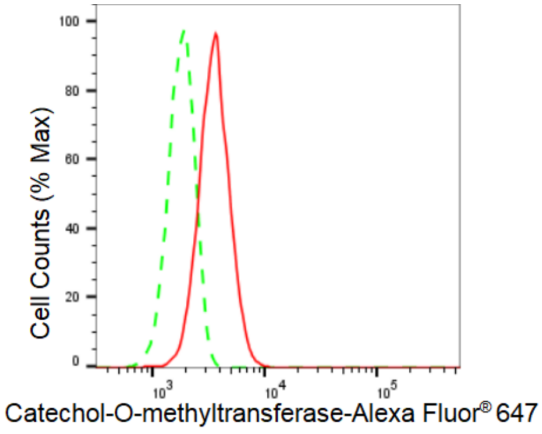
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Western blotting analysis using anti-Catechol-O-methyltransferase antibody (Cat#ABG1224). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Catechol-O-methyltransferase antibody (Cat#ABG1224, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-Catechol-O-methyltransferase antibody (Cat#ABG1224). Catechol-O-methyltransferase expression in wild type (WT) and Catechol-O-methyltransferase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Catechol-O-methyltransferase antibody (Cat#ABG1224, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Catechol-O-methyltransferase expression in HT-1080 cells using Catechol-O-methyltransferase antibody (Cat#ABG1224, 1:2,000). Green, isotype control; red, Catechol-O-methyltransferase.