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GOAT ANTI-COMT (N TERMINUS) ANTIBODY

SKU: EB06595



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	Α	В
250kDa 150kDa		
100kDa		
75kDa		
50kDa		
37kDa		
25kDa	-	
20kDa		*
15kDa		





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SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Storage

Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

catechol-O-methyltransferase|COMT

Alias Names

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: Usage

10ug/ml. Summary

Accession

NP_000745.1; NP_001128633.1; NP_001128634.1; NP_009294.1

Blocking

ID

Peptide

EBP06595

Peptide with sequence GDTKEQRILNHVLQC, from the N Terminus of the protein sequence according to **Immunogen**

NP_000745.1; NP_001128633.1; NP_001128634.1; NP_009294.1.

Product This antibody is expected to recognise both reported isoforms S-COMT NP 009294.1 and MB-COMT

NP 000745.1; NP 001128633.1; NP 001128634.. Comments

Peptide

GDTKEQRILNHVLQC Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Dog **Species**

Reactive

Human

Species

Human 1312

Gene ID

Product Grade

Detection Antibody detection limit dilution 1:4000.

Limit

Blot

Western

Approx 25kDa band observed in Human Liver and Ovary lysates and in MCF7 cell lysates, and approx. 25kDa and 30kDa in U251 cell lysate (calculated MW of 30.0kDa according to NP_000745.1(MB COMT) and 24.5kDa according to NP_009294.1 (S-COMT). Recommended concentration: 0.3-2µg/ml. Primary incubation 1 hour at

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

room temperature.

Application

Pep-ELISA, WB, FC **Type**



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SELECTED REFERENCES

[{"pmid": 30377371, "intro": "This antibody has been successfully used in the following paper:", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

GALLERY IMAGES





