

GOAT ANTI-COMT (N TERMINUS) ANTIBODY

SKU: EB06595



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 /

Alias catechol-O-methyltransferase|COMT

Names

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

Summary 10ug/ml.

Accession ID NP_000745.1; NP_001128633.1; NP_001128634.1; NP_009294.1

Blocking Peptide EBP06595

Immunogen Peptide with sequence GDTKEQRILNHVLQC, from the N Terminus of the protein sequence according to NP_000745.1; NP_001128633.1; NP_001128634.1; NP_009294.1.

Product Comments 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..

Peptide Sequence GDTKEQRILNHVLQC

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human, Dog

Reactive Species Human

Human Gene ID 1312

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

ELISA Detection Limit Antibody detection limit dilution 1:4000.

Western Blot 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 room temperature.

Application Type Pep-ELISA, WB, FC

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"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

