

GOAT ANTI-COMT (INTERNAL) ANTIBODY

SKU: EB07357

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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	Aliquot and store at -20°C. Minimize freezing and thawing.
Instructions	
Synonym /	
Alias	catechol-O-methyltransferase COMT
Names	
Accession ID	NP_000745.1; NP_009294.1
Blocking Peptide	EBP07357
Immunogen	Peptide with sequence C-QDIIPQLKKKYDVD, from the internal region of the protein sequence according to NP_000745.1; NP_009294.1.
Product Comments	This antibody is expected to recognise both reported isoforms (NP_000745.1 and NP_009294.1)
Peptide Sequence	C-QDIIPQLKKKYDVD
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
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
IHC Results	In paraffin embedded Human Brain (Cerebellum) shows staining of processes coming from the edge of the granular zone into the molecular layer. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Testis and Small Intestine. Recommended concentration: 3.75µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx 28kDa band in Human Testis lysates (calculated MW of 30.0kDa according to NP_000745.1 and 24.5kDa according to NP_009294.1). Recommended concentration: 0.03-0.1µg/ml.
Application Type	Pep-ELISA, WB, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

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