

COMT antibody, Internal

Cat. No. GTX89277

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, ELISA, Sandwich ELISA
Reactivity	Human

Package

100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	0.03-0.1µg/ml
IHC-P	3.75µg/ml
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Human Brain (Cerebellum) shows staining of processes coming from the edge of the granular zone into the molecular layer.

Not tested in other applications.

Calculated MW 30 kDa. ([Note](#))

Product Note This antibody is expected to recognise both reported isoforms (NP_000745.1 and NP_009294.1)

Properties

Form	Liquid
Buffer	TBS, 0.5% BSA
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.50 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide with sequence C-QDIIIPQLKKKYDVD, from the internal region of the protein sequence according to NP_000745.1; NP_009294.1.
Purification	Purified by ammonium sulphate precipitation followed by antigen affinity chromatography
Conjugation	Unconjugated



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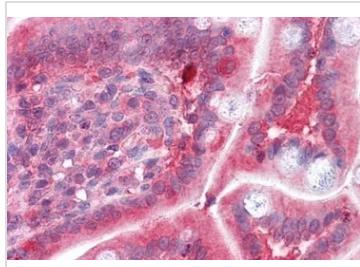
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Note

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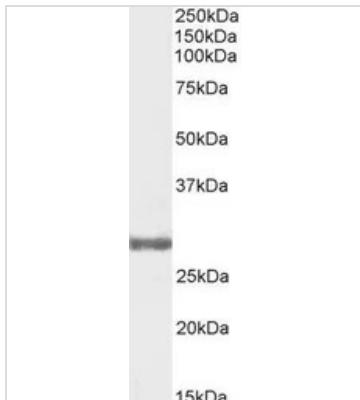
DATA IMAGES

**GTX89277 IHC-P Image**

IHC-P analysis of human small intestine using GTX89277 COMT antibody, Internal.

Antigen retrieval : citrate buffer pH 6

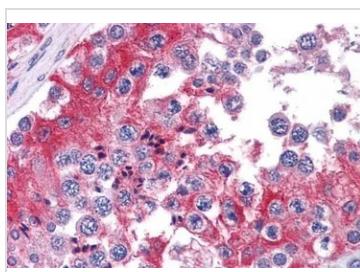
Dilution : 3.75 μ g/ml

**GTX89277 WB Image**

WB analysis of human testis lysate using GTX89277 COMT antibody, Internal.

Dilution : 0.3 μ g/ml

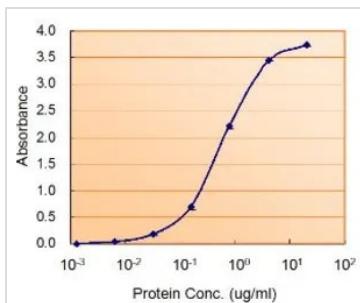
Loading : 35 μ g protein in RIPA buffer

**GTX89277 IHC-P Image**

IHC-P analysis of human testis using GTX89277 COMT antibody, Internal.

Antigen retrieval : citrate buffer pH 6

Dilution : 3.75 μ g/ml

**GTX89277 ELISA Image**

ELISA analysis of COMT protein using GTX89277 COMT antibody, Internal.

Capture : GTX101233 (2.5 μ g/ml)

Detection : GTX89277 (0.5 μ g/ml)



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