

## COMT antibody, Internal

Cat. No. GTX89277

<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P, ELISA, Sandwich ELISA
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	TBS, 0.5% BSA
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	0.50 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Peptide with sequence C-QDIIPQLKKKYDVD, from the internal region of the protein sequence according to NP_000745.1; NP_009294.1.
<b>Purification</b>	Purified by ammonium sulphate precipitation followed by antigen affinity chromatography
<b>Conjugation</b>	Unconjugated



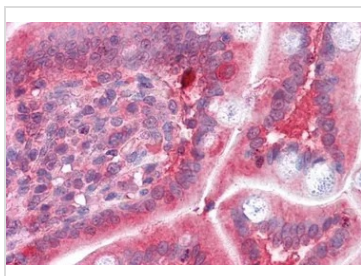
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**Note**

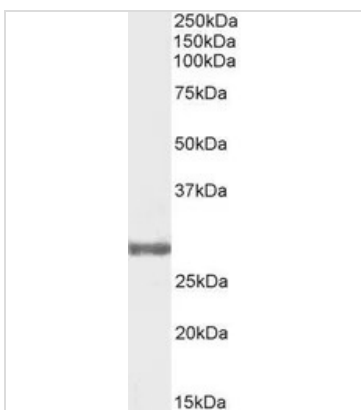
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DATA IMAGES



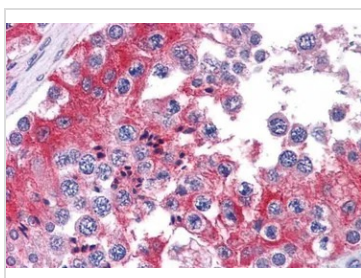
**GTX89277 IHC-P Image**

IHC-P analysis of human small intestine using GTX89277 COMT antibody, Internal.  
 Antigen retrieval : citrate buffer pH 6  
 Dilution : 3.75µg/ml



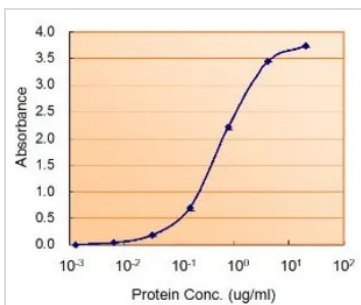
**GTX89277 WB Image**

WB analysis of human testis lysate using GTX89277 COMT antibody, Internal.  
 Dilution : 0.3µg/ml  
 Loading : 35µg 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 : 3.75µg/ml



**GTX89277 ELISA Image**

ELISA analysis of COMT protein using GTX89277 COMT antibody, Internal.  
**Capture** : GTX101233 (2.5µg/ml)  
**Detection** : GTX89277 (0.5µg/ml)



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