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## Product Datasheet

### COMT Antibody (orb1247659)

**Description**

COMT Antibody

**Species/Host**

Goat

**Reactivity**

Human

**Conjugation**

Unconjugated

**Tested**

EIA, ELISA, IHC, WB

**Applications**

The immunogen for this antibody is: C-QDIIPQLKKKYDVD

**Immunogen**

COMT

**Preservatives**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Form/Appearance**

Liquid

**Concentration**

500 ug/mL

**Storage**

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

**Note**

For research use only

**Application notes**

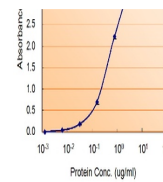
Peptide ELISA: antibody detection limit dilution 1:64000. Western Blot: Approx 28kDa band in Human Testis lysates (calculated MW of 30.0kDa according to NP\_000745.1 and 24.5kDa according to NP\_009294.1). Recommended concentration: 0.03-0.1ug/ml. Immunohistochemistry: In paraffin embedded Human Brain (Cerebellum) shows staining of processes coming from the edge of the granular zone into the molecular layer. Recommended concentration: 2-4ug/ml. Paraffin embedded Human Testis and Small Intestine. Recommended concentration: 3.75ug/ml. Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant COMT captured by a rabbit antibody. Recommended reporter concentration: 0.5-2ug/ml.

**Clonality**

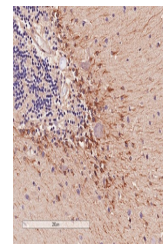
Polyclonal

**Uniprot ID**
**P21964**
**NCBI**
**NP\_009294.1, NP\_000745.1**
**Dilution Range**

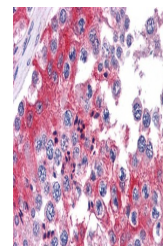
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orb1247659  
(0.3 ug/ml)  
staining of  
Human...



orb1247659  
(0.5 ug/ml) as  
the reporter  
a...



orb1247659  
(4 ug/ml)  
staining of  
paraffi...