

Datasheet for ABIN6391373

anti-COMT antibody (Internal Region) (Biotin)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	COMT
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This COMT antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	COMT (internal), Biotinylated
Sequence:	CQDIIPQLKK KYDVD.
Isotype:	IgG
Specificity:	This antibody is expected to recognize. Reported variants represent identical protein: XP_011528193.1, XP_011528191.1, XP_011528192.1, XP_011528189.1, XP_011528190.1 Reported variants represent identical protein: NP_000745.1, NP_001128633.1, NP_001128634.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

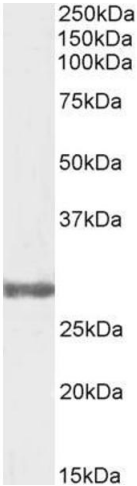
Target:	COMT
Alternative Name:	COMT (COMT Products)
Background:	COMT, catechol-O-methyltransferase, HEL-S-98n, catechol-O-methyltransferase isoform, epididymis secretory sperm binding protein Li 98n, testicular tissue protein Li 42
Gene ID:	1312
NCBI Accession:	NP_000745 , NP_009294
Pathways:	Steroid Hormone Biosynthesis , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western Blot: Approx 28 kDa band observed in Human Testis lysates. Recommended concentration: 0.3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN6391373 (0.3µg/ml) staining of Testis lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.