

Datasheet for ABIN6741819  
**anti-COMT antibody (AA 143-192)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                             |
|----------------------|---------------------------------------------|
| Quantity:            | 100 µL                                      |
| Target:              | COMT                                        |
| Binding Specificity: | AA 143-192                                  |
| Reactivity:          | Human, Monkey, Dog, Pig, Cow, Horse, Rabbit |
| Host:                | Rabbit                                      |
| Clonality:           | Polyclonal                                  |
| Conjugate:           | This COMT antibody is un-conjugated         |
| Application:         | Western Blotting (WB)                       |

## Product Details

|                       |                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | Synthetic peptide located between aa143-192 of human COMT (P21964, NP_000745). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Bovine, Horse, Pig (100%), Mouse, Rat, Panda, Bat, Guinea pig, Xenopus (92%), Turkey, Chicken (91%), Elephant, Rabbit (85%).<br><br>Type of Immunogen: Synthetic peptide |
| Isotype:              | IgG                                                                                                                                                                                                                                                                                                                                               |
| Specificity:          | Human COMT                                                                                                                                                                                                                                                                                                                                        |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Bovine, Horse, Pig (100%) Mouse, Rat (92%) Chicken (91%) Rabbit (85%).                                                                                                                                                                                                                                 |
| Purification:         | Immunoaffinity purified                                                                                                                                                                                                                                                                                                                           |

## Target Details

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| Target:           | COMT                                                                                                 |
| Alternative Name: | COMT ( <a href="#">COMT Products</a> )                                                               |
| Background:       | Name/Gene ID: COMT<br><br>Synonyms: COMT, Catechol O-methyltransferase, Catechol-O-methyltransferase |
| Gene ID:          | 1312                                                                                                 |
| NCBI Accession:   | <a href="#">NP_000745</a>                                                                            |
| UniProt:          | <a href="#">P21964</a>                                                                               |
| Pathways:         | <a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>        |

## Application Details

|                    |                                                                                                                                                                                                                                                                      |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: WB (0.2 - 1 µg/mL)<br><br>Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:1562500. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                                                                    |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                |

## Handling

|                  |                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                                                 |
| Reconstitution:  | Distilled water                                                                                                                                                                             |
| Concentration:   | Lot specific                                                                                                                                                                                |
| Buffer:          | Lyophilized from PBS with 2 % sucrose                                                                                                                                                       |
| Handling Advice: | Avoid repeat freeze-thaw cycles.                                                                                                                                                            |
| Storage:         | 4 °C,-20 °C                                                                                                                                                                                 |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)<br><br>Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |

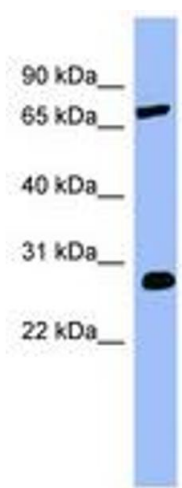


Image 1.