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## Product Datasheet

### COMT Rabbit Polyclonal Antibody, Unconjugated BYT-ORB308834

|                            |                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | COMT Rabbit Polyclonal Antibody, Unconjugated                                                                                                                                |
| Biozol Catalog Number      | BYT-ORB308834                                                                                                                                                                |
| Supplier Catalog Number    | orb308834                                                                                                                                                                    |
| Alternative Catalog Number | BYT-ORB308834-100                                                                                                                                                            |
| Manufacturer               | Biorbyt                                                                                                                                                                      |
| Host                       | Rabbit                                                                                                                                                                       |
| Category                   | Antikörper                                                                                                                                                                   |
| Application                | FC, IHC, WB                                                                                                                                                                  |
| Species Reactivity         | Human, Mouse, Rat                                                                                                                                                            |
| Immunogen                  | E.coli-derived human COMT recombinant protein (Position: G52-P271). Human COMT shares 81.9% and 81% amino acid (aa) sequence identity with mouse and rat COMT, respectively. |
| Conjugation                | Unconjugated                                                                                                                                                                 |
| Product Description        | COMT Rabbit Polyclonal Antibody...                                                                                                                                           |
| Clonality                  | Polyclonal                                                                                                                                                                   |
| Concentration              | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.                                                                                                    |
| Molecular Weight           | 26 kDa                                                                                                                                                                       |
| UniProt                    | <a href="#">P21964</a>                                                                                                                                                       |

|                    |                                                                                                                                                                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer             | Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , and 0.05 mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                            |
| Target             | Catechol O-methyltransferase                                                                                                                                                                                                                                                                           |
| Application Dilute | Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat<br>Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml,<br>Human Flow Cytometry(Fixed), 1-3 µg/1x10 <sup>6</sup> cells, Human                                                                                                                     |