

**Anti-Orexin B antibody (1-100 aa) [SRM5396] (STJ11107306)**

| GENERAL INFORMATION    |                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type           | Primary antibodies                                                                                                                                        |
| Applications           | WB/ELISA                                                                                                                                                  |
| Host / Source          | Rabbit                                                                                                                                                    |
| Reactivity             | Human                                                                                                                                                     |
| PRODUCT PROPERTIES     |                                                                                                                                                           |
| Clonality              | Monoclonal                                                                                                                                                |
| Concentration          | Lot specific                                                                                                                                              |
| Conjugation            | Unconjugated                                                                                                                                              |
| Purification           | Affinity purification                                                                                                                                     |
| Dilution Range         | WB:1:500-1:1000<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation            | PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.                                                                                             |
| Isotype                | IgG                                                                                                                                                       |
| Molecular Weight       | Protein Mw: 13kDa<br>Observed Mw: 30kDa                                                                                                                   |
| Storage Instruction    | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                            |
| TARGET INFORMATION     |                                                                                                                                                           |
| Gene ID                | <a href="#">3060</a>                                                                                                                                      |
| Gene Symbol            | <a href="#">HCRT</a>                                                                                                                                      |
| UniProt ID             | <a href="#">OREX_HUMAN</a>                                                                                                                                |
| Immunogen Region       | 1-100 aa                                                                                                                                                  |
| Immunogen Sequence     | MNLPSTKVSWAAVTLLLLLL LLPPALLSSGAAQPLPDCC RQKTCSCRLYELLHGAGNHA<br>AGILTLGKRRSGPPGLQGRL QRLLQASGNHAAGILTMGRR                                                |
| Specificity            | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Orexin B 0.                                                             |
| ADDITIONAL INFORMATION |                                                                                                                                                           |
| Note                   | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.                                   |