|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tibia |  |  |  |  |
| Primary Antibody (Vendor, Cat. No) | Dilution | Secondary Antibody(Vendor, Cat. No) | Fluorophore | Dilution |
| Anti-Tyrosine Hydroxylase(EMD Millipore, Germany, AB152) | 1:1000 | Donkey Anti-Rabbit(Jackson IR, USA, 711-546-152)  | AF488 | 1:200 |
| Anti-Perilipin(Progen Biotechnik, Germany, GP29) | 1:400 | Donkey Anti-Guinea Pig(Jackson IR, USA, 706-165-148)  | Cy3 | 1:200 |
| Spinal Cord  |  |  |  |  |
| Primary Antibody (Vendor, Cat. No) | Dilution | Secondary Antibody | Fluorophore | Dilution |
| Anti-GFP (Abcam, UK, ab13970) | 1:1000 | Donkey Anti-Chicken(Jackson IR, USA, 703-545-155)  | AF488 | 1:500 |
| Anti-RFP(Abcam, UK, ab62341) | 1:500 | Donkey Anti-Rabbit(Jackson IR, USA, 711-585-152)  | AF594 | 1:500 |
| Brain |  |  |  |  |
| Primary Antibody (Vendor, Cat. No) | Dilution | Secondary Antibody | Fluorophore | Dilution |
| Anti-GFP (Abcam, UK, ab13970) | 1:1000 | Donkey Anti-Chicken(Jackson IR, USA, 703-545-155)  | AF488 | 1:500 |
| Anti-RFP (Abcam, UK, ab62341) | 1:500 | Donkey Anti-Rabbit(Jackson IR, USA, 711-585-152)  | AF594 | 1:500 |
| Anti-MCherry(SICGEN, Portugal, AB0040-200)  | 1:500 | Donkey Anti-Goat (Jackson IR, USA, 705-587-003) | AF594 | 1:500 |
| Anti-Tyrosine Hydroxylase(EMD Millipore, Germany, AB152) | 1:1000 | Donkey Anti-Rabbit (Jackson IR, USA, 711-605-152) | AF647 | 1:500 |

**Supplemental Table 1. Antibodies used for immunostaining.**