| Antiserum                  | Dilution (WB) | Dilution (IHC/IF) | Source (cat ID)                          | Host species |
|---------------------------|---------------|-------------------|------------------------------------------|--------------|
| **Primary antisera**      |               |                   |                                          |              |
| Phospho ERK1/2            | 1:2000        | 1:200             | Cell Signaling Technology (9101)         | Rabbit       |
| Syntaxin 1A               | /             | 1:200             | Synaptic System (110111.00)              | Rabbit       |
| Hsp 90                    | 1:1000        | /                 | BD (610418)                              | Mouse        |
| S-100                     | /             | 1:200             | Dako (Z0311)                             | Mouse        |
| Ki-67                     | /             | 1:300             | NovusBio (NB500-170)                     | Rabbit       |
| MT<sub>1</sub>            | 1:1000        | 1:200             | Alomone (AMR031)                         | Rabbit       |
| MT<sub>2</sub>            | 1:1000        | 1:200             | Alomone (AMR032)                         | Rabbit       |
| mAb-A06 (MT<sub>1</sub>)  | /             | 1:50              | Provided by Prof. Solimena and Prof. Jockers (Cecon et al., 2019) | Mouse       |
| mAb-A84 (MT<sub>2</sub>)  | /             | 1:50              | Provided by Prof. Solimena and Prof. Jockers (Cecon et al., 2019) | Mouse       |
| Neurofilament             | /             | 1:800             | Abcam (Ab4680)                           | Chicken      |
| **Secondary antisera**    |               |                   |                                          |              |
| Anti-rabbit Alexa Fluor 488| /             | 1:200             | Thermo Fisher Scientific (A11008)        | Goat         |
| Anti-rabbit Alexa Fluor 555| /             | 1:200             | Thermo Fisher Scientific (A21428)        | Goat         |
| Anti-mouse Alexa Fluor 555| /             | 1:200             | Thermo Fisher Scientific (A21422)        | Goat         |
| Anti-chicken Alexa Fluor 555| /             | 1:200             | Invitrogen (A21437)                      | Goat         |
| Anti-chicken Alexa Fluor 647| /             | 1:200             | Invitrogen (A21449)                      | Goat         |
| Anti mouse IgG HRP conjugated| 1:2000       | /                 | Calbiochem (401215)                      | Goat         |
| Anti rabbit IgG HRP conjugated| 1:2000       | /                 | Calbiochem (401393)                      | Goat         |
| α-Bungarotoxin Alexa Fluor 555 conjugate| /             | 1:200             | Thermo Fisher Scientific (B35451)        |              |