| Antibody Name         | Antibody Source | Catalog number | Manufacturer | Dilutions |
|-----------------------|-----------------|----------------|--------------|-----------|
| APP                   | Rabbit mAb      | ab32136        | Abcam        | 1/10000   |
| BACE1                 | Rabbit mAb      | ab183612       | Abcam        | 1/1000    |
| PS1                   | Rabbit mAb      | ab76083        | Abcam        | 1/5000    |
| IDE                   | Rabbit mAb      | ab32216        | Abcam        | 1/1000    |
| NEP                   | Rabbit mAb      | ab58968        | Abcam        | 1/1000    |
| GSK3 beta             | Mouse mAb       | ab93926        | Abcam        | 1/1000    |
| GSK3 beta (phospho S9)| Rabbit mAb      | ab75814        | Abcam        | 1/10000   |
| mTOR                  | Rabbit mAb      | AF6308         | Affinity     | 1/1000    |
| mTOR (phospho S2448)  | Rabbit mAb      | AF3308         | Affinity     | 1/1000    |
| ULK1                  | Rabbit mAb      | DF7588         | Affinity     | 1/500     |
| Beclin 1              | Rabbit mAb      | ab62557        | Abcam        | 1/1000    |
| ATG14                 | Rabbit mAb      | NBP2- 36445    | Novus Bio    | 1/1000    |
| ATG14 (phospho S29)   | Rabbit pAb      | AF2320         | Affinity     | 1/1000    |
| ATG5                  | Rabbit mAb      | DF6010         | Affinity     | 1/500     |
| ATG12                 | Rabbit mAb      | DF7937         | Affinity     | 1/1000    |
| ATG16L1               | Rabbit mAb      | DF3825         | Affinity     | 1/1000    |
| LC3                   | Rabbit mAb      | #3868          | CST          | 1/1000    |
| Rab7                  | Rabbit mAb      | #9367          | CST          | 1/1000    |
| RILP                  | Rabbit pAb      | ab140188       | Abcam        | 1/1000    |
| Lamp1                 | Rabbit pAb      | ab24170        | Abcam        | 1/1000    |
| Cathepsin B           | Rabbit mAb      | #31718         | CST          | 1/1000    |
| SQSTM1/p62            | Rabbit mAb      | #5114          | CST          | 1/1000    |
| β-actin               | Mouse mAb       | #A5441         | Sigma        | 1/5000    |
| GAPDH                 | Rabbit pAb      | AF7021         | Affinity     | 1/3000    |

* Effective concentrations were observed in their corresponding structures