Supplementary material

Supplementary Table 1. Primary antibodies of western blot.

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|  | Catalog number | Dilution |
| Bax | ab32503 | 1/1000 |
| BCL-2 | ab194583 | 1/500 |
| Cleaved caspase-3 | ab32042 | 1/500 |
| LC3B | ab192890 | 1/2000 |
| P62 | ab109012 | 1/10,000 |
| PTEN | ab267787 | 1/1000 |
| p-PI3K | ab138364 | 1/500 |
| PI3K | ab191606 | 1/1000 |
| p-Akt | ab38449 | 1/500 |
| Akt | ab8805 | 1/500 |
| p-mTOR | ab109268 | 1/1000 |
| mTOR | ab32028 | 1/1000 |
| GAPDH | ab8245 | 1/500 |

Abbreviations: Bax: Bcl-2 associated X protein; BCL-2: B-cell lymphoma-2; LC3B: Microtubule-associated Protein 1 Light Chain 3B; PTEN: phosphatase and tensin homolog deleted on chromosome ten; p-PI3K: phosphorylated-Phosphotylinosital 3 kinase; p-Akt: phosphorylated- protein kinase B; p-mTOR: phosphorylated-mammalian target of rapamycin; GAPDH: glyceraldehyde-3-phosphate dehydrogenase.