

Supplementary Tables:

Supplementary Table no. I: List of antibodies

Sr. No	Antibody (Western Blot)	Concentration	Make
1	Rabbit anti-phospho- SAPK/JNK	1µg/ml	Cell Signaling Technology (CST)
2	Rabbit anti-SAPK/JNK	1µg/ml	Cell Signaling Technology (CST)
3	Rabbit anti-phospho-p38-MAPK	1µg/ml	Cell Signaling Technology (CST)
4	Rabbit anti-p38	1µg/ml	Cell Signaling Technology (CST)
7	Rabbit anti-NF-κB	5µg/ml	Cell Signaling Technology (CST)
8	Rabbit anti-Map2a	5µg/ml	Abcam, Bristol, United Kingdom
9	Rabbit anti-β-III Tubulin	1µg/ml	Abcam, Bristol, United Kingdom
10	Anti-biotin HRP linked	1µg/ml	Cell Signaling Technology (CST)
11	Anti-Rabbit IgG, HRP linked	1µg/ml	Cell Signaling Technology (CST)
12	Rabbit anti-GAPDH	1ug/ml	Cell Signaling Technology (CST)

Supplementary Table no. II: List of primers

Sr. No	Primer	Sequence	Tm	Make
1	<i>Gapdh</i>	F: GGGGTCCCAGCTTAGGTTCA R: CCAATACGGCCAAATCCGTT	60	Bioserve, Boulder Colorado
2	<i>Tubb-3</i>	F: TTTTCGTCTCTAGCCGCGTG R: GATGACCTCCCAGAACTTGGC	56.7	Bioserve, Boulder Colorado
3	<i>Map2a</i>	F: GTTCAGGCCCCACTCTCCTTC R: AAGTCACCACTTGCTGCTGT	55.37	Bioserve, Boulder Colorado
4	<i>Grp78</i>	F: CCGAGTCTGCTTCGTGTCTC R: ACACCGACGCAGGAATAGGT	56.40	Bioserve, Boulder Colorado
5	<i>Chop</i>	F: GTTATCTTGAGCCTAACACGTCG R: GGACCAGGTTCTCTCTCCTCAG	55.87	Bioserve, Boulder Colorado
6	<i>Cox</i>	TGGTCTACAAGACGCCACATC GGCAGAACGACTCGGTTATCA	55.73	Bioserve, Boulder Colorado
7	<i>Bax</i>	CCAGGGTGGCTGGGAAGG TGAGGACTCCAGCCACAAAG	57.19	Bioserve, Boulder Colorado