

Supplementary Table 2. List of primary antibodies used for Western blotting

Antibody	Catalog no.	Source
Phospho-Erk1/2	#4370	Cell Signaling Technology
Erk1/2	#4695	Cell Signaling Technology
Phospho-JNK	#4668	Cell Signaling Technology
JNK	#9252	Cell Signaling Technology
Phospho-Pi3k	#4228	Cell Signaling Technology
Pi3k	#4292	Cell Signaling Technology
Phospho-Nf- κ B p65	#3033	Cell Signaling Technology
Pcna	#4586	Cell Signaling Technology
Cyclin D1	#2922	Cell Signaling Technology
Cd36	sc-7309	Santa Cruz Biotechnology Inc.
Atf4	#11815	Cell Signaling Technology
CHOP	#2895	Cell Signaling Technology
Bmp2	ab14933	Abcam
Runx2	#12556	Cell Signaling Technology
Gapdh	#5174	Cell Signaling Technology

Erk, extracellular signal-regulated kinase; JNK, c-JUN N-terminal kinase; Pi3k, phosphatidylinositol 3-kinase; Nf- κ B, nuclear factor- κ B; Pcna, proliferating cell nuclear antigen; Atf4, activating transcription factor 4; CHOP, C/EBP homologous protein; Bmp2, bone morphogenic protein 2; Runx2, runt-related transcription factor-2; Gapdh, gluceadehyde-3-phosphate dehydrogenase.