

Supplemental Table 1: The Antibodies used for Western blot.

Name	Primary/Secondary	Type	Host	Source	Catalogue Number	Dilution
Anti-α-tubulin	Primary	Monoclonal	Mouse	Santa Cruz Biotechnology	#sc-23948	1:5000
Anti-caspase 3	Primary	Monoclonal	Rabbit	Abcam	#ab32351	1:2000
Anti-VEGF	Primary	Monoclonal	Mouse	ThermoFisher	# MA5-13182	1:1000
Anti-phospho-CREB	Primary	Monoclonal	Rabbit	Cell Signaling Technology	#9198	1:1000
Anti-CREB	Primary	Monoclonal	Rabbit	Cell Signaling Technology	#9197	1:1000
Anti-67-kDa laminin receptor	Primary	Monoclonal	Rabbit	Abcam	#ab133645	1:1000
Anti-Smad2	Primary	Monoclonal	Rabbit	Cell Signaling Technology	#5339	1:500
Anti-phospho-Smad2	Primary	Monoclonal	Rabbit	Cell Signaling Technology	#18338	1:500
Anti-Smad3	Primary	Monoclonal	Rabbit	Cell Signaling Technology	#9523	1:500
Anti-phospho-Smad3	Primary	Monoclonal	Rabbit	Cell Signaling Technology	#9520	1:500
Anti-rabbit	Secondary	N/A	Goat	Abcam	#ab6721	1:2000
Anti-mouse	Secondary	N/A	Goat	Abcam	#ab6789	1:2000

Supplemental Table 2: The primer sequences used for real-time PCR.

Gene	Forward/Reverse	Sequence
hGAPDH	Forward	5'- ATGGAAATCCCATCACCATCTT-3'
	Reverse	5'-CGCCCCACTTGATTTTGG-3'
hVEGF	Forward	5'- CCCACTGAGGAGTCCAACAT-3'
	Reverse	5'- TGCATTACATTTGTTGTGC-3'
hTGF β 1	Forward	5'- TACCTGAACCCGTGTTGCTCTC-3'
	Reverse	5'- GTTGCTGAGGTATCGCCAGGAA-3'
hVEGFR2	Forward	5'- CATCCAGTGGGCTGATGACC-3'
	Reverse	5'- TTCGCAGGGATTCTGACACG-3'
rGAPDH	Forward	5'- GACATGCCGCCTGGAGAAAC-3'
	Reverse	5'- AGCCCAGGATGCCCTTTAGT-3'
rVEGF	Forward	5'- ACGAAAGCGCAAGAAATCCC-3'
	Reverse	5'- TAACTCAAGCTGCCTCGCC-3'
rVEGFR2	Forward	5'- AAGCAAATGCTCAGCAGGAT-3'
	Reverse	5'- GAGGTAGGCAGGGAGAGTCC-3'
rTGF β 1	Forward	5'- TCAACTGTGGAGCAACACGT-3'
	Reverse	5'- CACTCAGGCGTATCAGTGGG-3'