



**Figure S1.** Validation of Rap1 siRNAs. BAECs were transfected with control siRNA (siCT) or with two distinct siRNAs targeting Rap1 (siRap1\_1 and siRap1\_2) and downregulation of Rap1 was confirmed by immunoblotting against Rap1. Western blot against eNOS was used as a loading control.