Supplementary

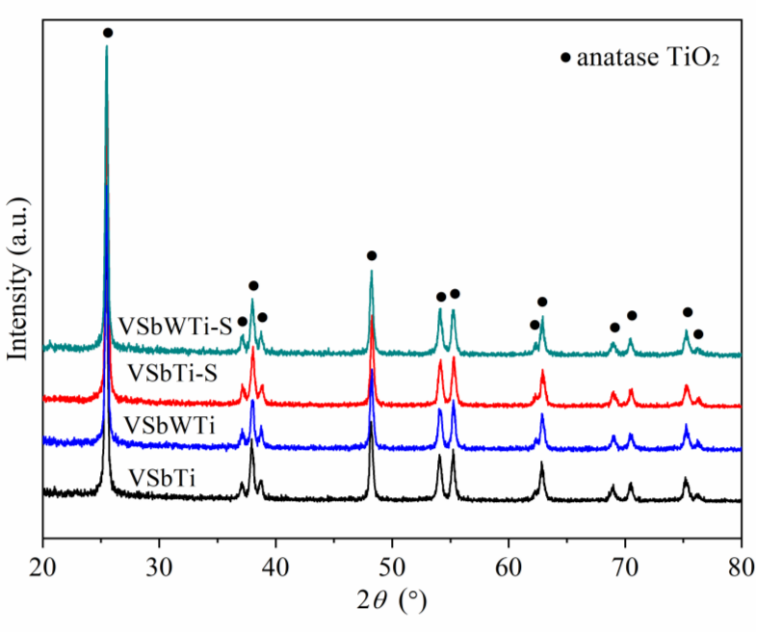


Figure S1. XRD patterns of the catalysts.

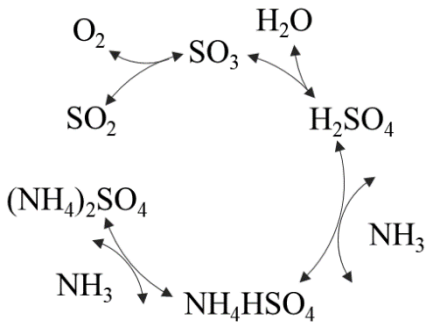


Figure S2. Scheme of formation and decomposition of AS and ABS.

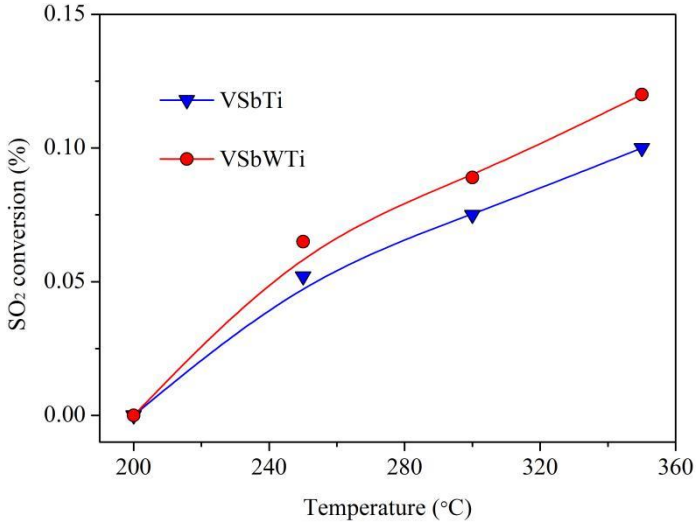


Figure S3. SO_2 oxidation curves of the catalysts. Reaction conditions: SO_2 = 500 ppm, O_2 = 5%, N_2 in balance, and GHSV = 50,000 h^{-1}.

Table S1. BET surface areas of catalysts.

Catalyst	VSbTi	VSbWTi	VSbTi-S	VSbWTi-S
BET surface area (m^2/g)	37	33	30	27