

## Supplementary Information

### Facile Construction of Polydopamine-based Hydrophobic Surface for Metal against Corrosion

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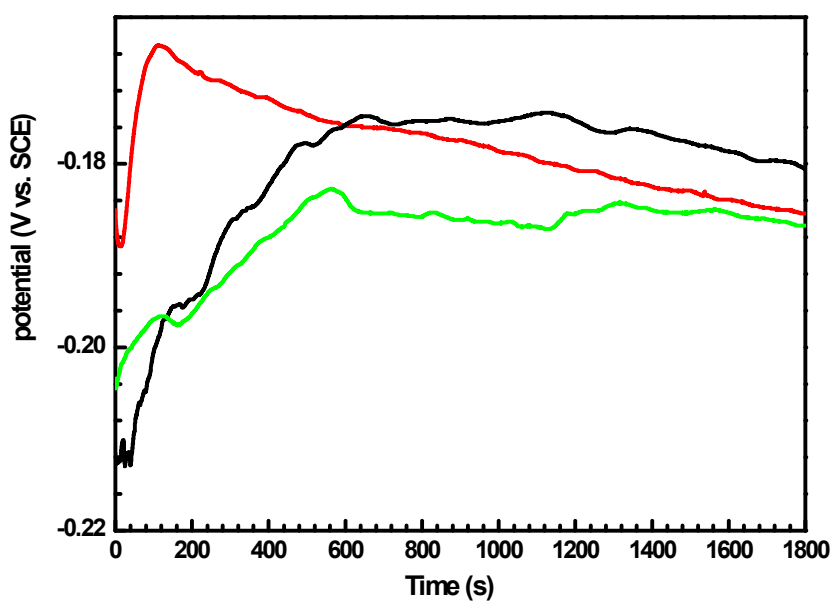


Fig. S1 The open circuit potential versus time of PDA@Cu samples recorded in 3 wt.% NaCl aqueous solution for three times.

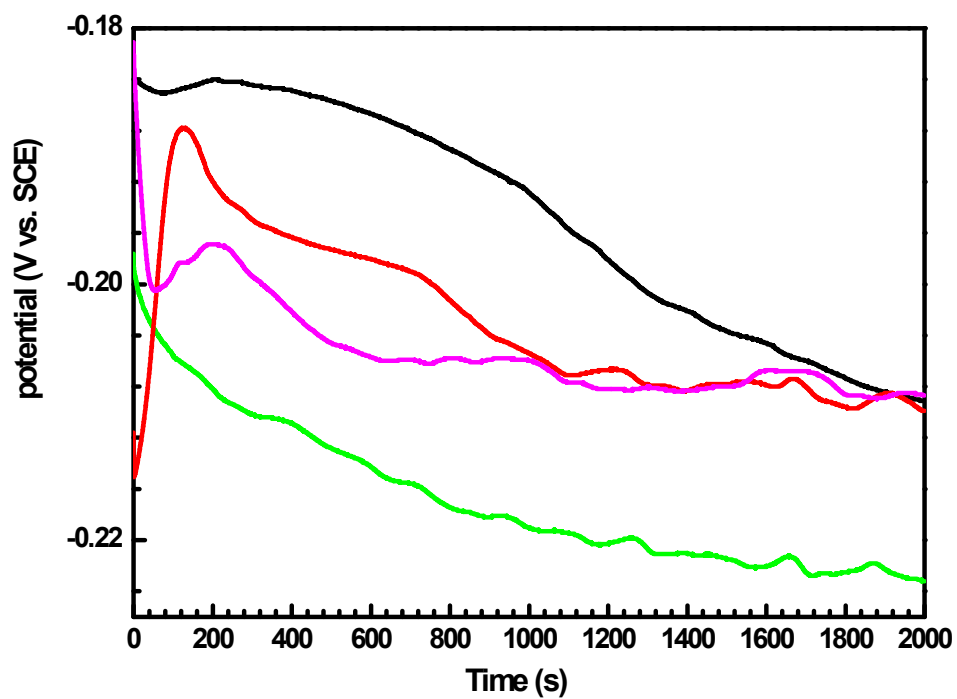


Fig. S2 The open circuit potential versus time of 1-DT@Cu samples recorded in 3 wt.% NaCl aqueous solution for four times.