

Supplementary Table SII Antibody information.

| Antibody | Company | Catalog number | Species reactivity | Source | WB concentration (µg/ml) | IHC concentration (µg/ml) | IF concentration (µg/ml) | IP concentration (µg/ml) |
|---------------------|---------------------------|-----------------------|------------------------------------|---------------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| Anti-aquaporin 3 | Abcam | ab125219 | Mouse, rat, human | Rabbit | 1 | 5 | 5 | |
| Anti-aquaporin 3 | Snata | | | Goat | 1 | 5 | 5 | |
| Ezrin antibody | Cell Signaling Technology | #3145 | Human, mouse, rat, monkey, bovine | Rabbit | 1 | | 10 | 20 |
| E-cadherin antibody | Proteintech | 20874-1-AP | Human, mouse, rat | Rabbit | 1 | | | |
| N-cadherin antibody | Proteintech | 22018-1-AP | Human, mouse, rat, Gekko japonicus | Rabbit | 1 | | | |
| F-actin antibody | Abcam | ab205 | Mouse, rat, rabbit, human | Mouse | 1 | | | |
| β-Tubulin | Proteintech | 10094-1-AP | Human, mouse, rat, hamsters | Rabbit | 1 | | | |