**S1 Table. Antibodies and corresponding dilutions**

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| **Primary antibodies (ab)** |
| **Target protein** | **Species** | **Type** | **Dilutions** |
| **Primary ab** | **Secondary ab** |
| H6PD | Rabbit | Polyclonal | 1:1000 | 1:2000 |
| CRT | Rabbit | Polyclonal | 1:1000 | 1:2000 |
| CNX | Rabbit | Polyclonal | 1:1000 | 1:2000 |
| GRP78 | Mouse | Monoclonal | 1:1000 | 1:4000 |
| CHOP | Mouse | Monoclonal | 1:1000 | 1:4000 |
| ATF4 | Rabbit | Monoclonal | 1:1000 | 1:2000 |
| ATF6 | Rabbit | Monoclonal | 1:1000 | 1:2000 |
| ERp72 | Mouse | Monoclonal | 1:1000 | 1:4000 |
| IRE1α | Mouse | Monoclonal | 1:1000 | 1:4000 |
| p-IRE1α | Rabbit | Polyclonal | 1:1000 | 1:2000 |
| PERK | Mouse | Monoclonal | 1:1000 | 1:4000 |
| p-PERK | Rabbit | Monoclonal | 1:1000 | 1:2000 |
| eIF2α | Rabbit | Polyclonal | 1:1000 | 1:4000 |
| p-eIF2α | Rabbit | Monoclonal | 1:1000 | 1:2000 |
| Lamin B1 | Rabbit | Monoclonal | 1:1000 | 1:2000 |