(a) | (b)
---|---

**Treatments**
- No treatment
- Tunicamycin (5 µg ml⁻¹, 6 h)
- A23187 (7 µM, 6 h)
- 2-deoxyglucose (12.5 mM, 6 h)

**Heat Shock**
- Heat shock (42 °C, 1.5 h)
- Heat shock + recovery (37 °C, 2 h)
- Arsenite (100 µM, 6 h)

**Proteins**
- TRAPδ
- TRAPγ
- TRAPβ
- TRAPα
- BiP
- GAPDH

**Supplementary Fig 2**
supplementary Fig 2. ER stress induces transcription of TRAP complex subunit mRNA, but cytosolic stress does not. mRNAs encoding the four TRAP complex subunit genes (α, β, γ, δ) are induced by ER stress (A), but not by cytosolic stress (B). Total RNA was isolated from BALB/c 3T3 cells subjected to ER stress (tunicamycin, A23187 and 2-deoxyglucose) for 6 h or cytosolic stress (heat shock and arsenite) for the periods indicated. RNA (5 µg) was separated by electrophoresis and analyzed by Northern hybridization using [α-³²P]-dCTP-labeled cDNA probes specific to mouse each TRAP subunit (α, β, γ, δ), mouse BiP (induced by ER stress), human HSP70 (induced by cytosolic stress) and human GAPDH (loading control).