[Cancers] Manuscript ID: cancers-643215

Title: A stilbenoid Isorhapontigenin as a potential anticancer agent against breast cancer through inhibiting sphingosine kinases/tubulin stabilization

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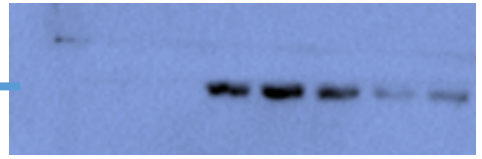
Original Western blot

Figure 1 original data

Tubulin 24h

52 kDa



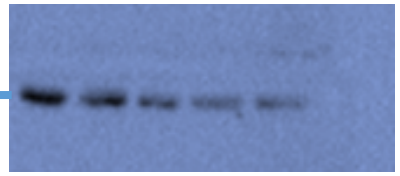
GAPDH 24h

37 kDa

Band 1: Ctl
Band 2: ISO 5 μM
Band 3: ISO 10 μM
Band 4: ISO 20 μM
Band 5: ISO 40 μM

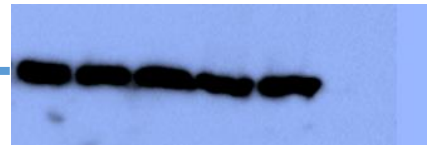
Tubulin 48h

52 kDa



GAPDH 48h

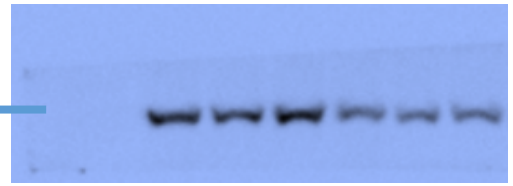
37 kDa



Band 1: Ctl
Band 2: ISO 5 μM
Band 3: ISO 10 μM
Band 4: ISO 20 μM
Band 5: ISO 40 μM

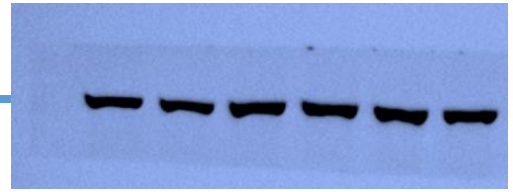
Tubulin with Rsv 48h

52 kDa



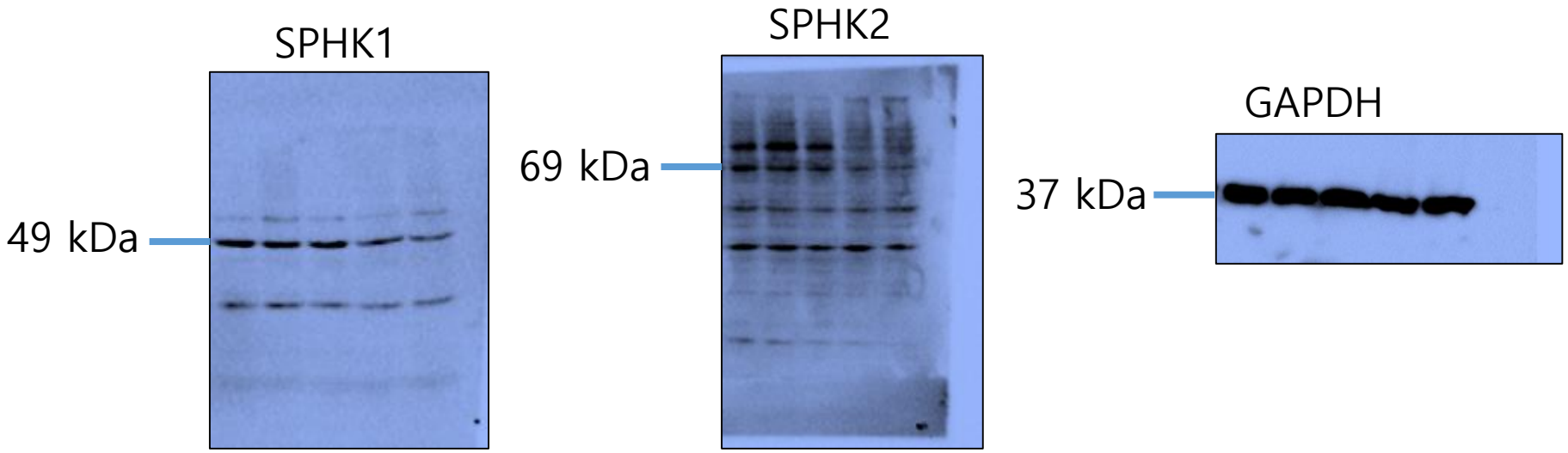
GAPDH with Rsv 48h

37 kDa



Band 1: Ctl
Band 2: Rsv 40 μM
Band 3: ISO 5 μM
Band 4: ISO 10 μM
Band 5: ISO 20 μM
Band 6: ISO 40 μM

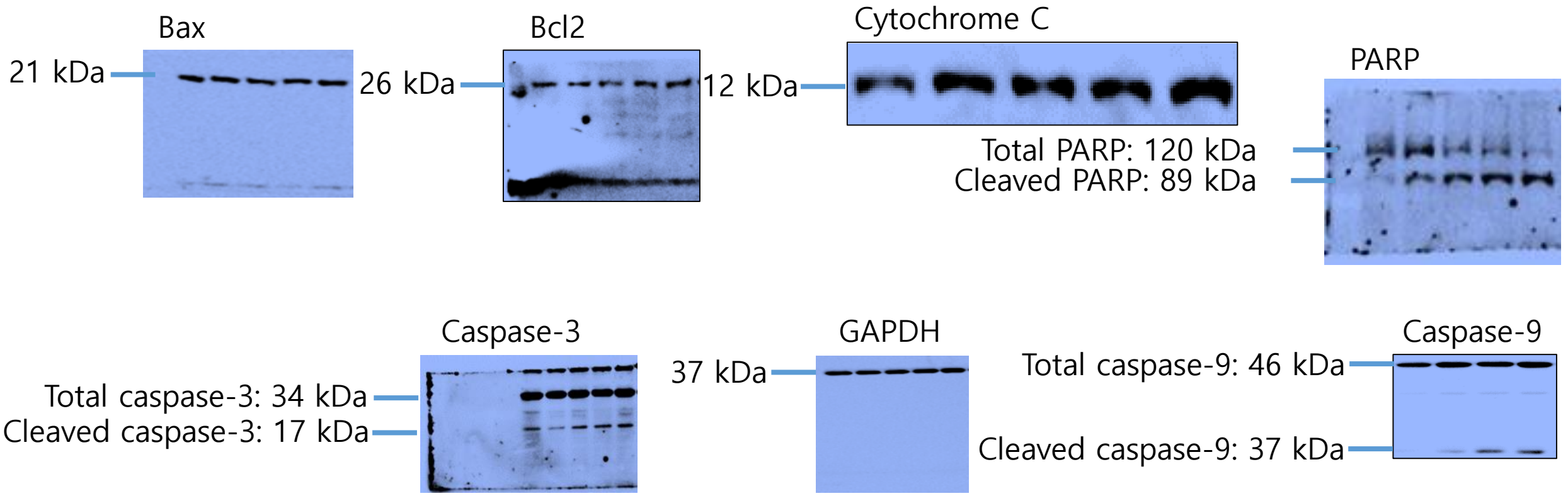
Figure 2 original data



Band 1: Ctl
Band 2: ISO 5 μM
Band 3: ISO 10 μM
Band 4: ISO 20 μM
Band 5: ISO 40 μM

Note: For Manuscript we used only Ctl, ISO 20 μM and ISO 40 μM

Figure 4 original data



Bax, Bcl2, Cytochrome C, PARP, Caspase-3, GAPDH

Band 1: Ctl Band 2: ISO 5 μM
Band 3: ISO 10 μM Band 4: ISO 20 μM
Band 5: ISO 40 μM

Caspase-9

Band 1: Ctl Band 2: ISO 10 μM
Band 3: ISO 20 μM Band 4: ISO 40 μM

Note: For Manuscript we used only Ctl, ISO 20 μM and ISO 40 μM

Figure 5 original data

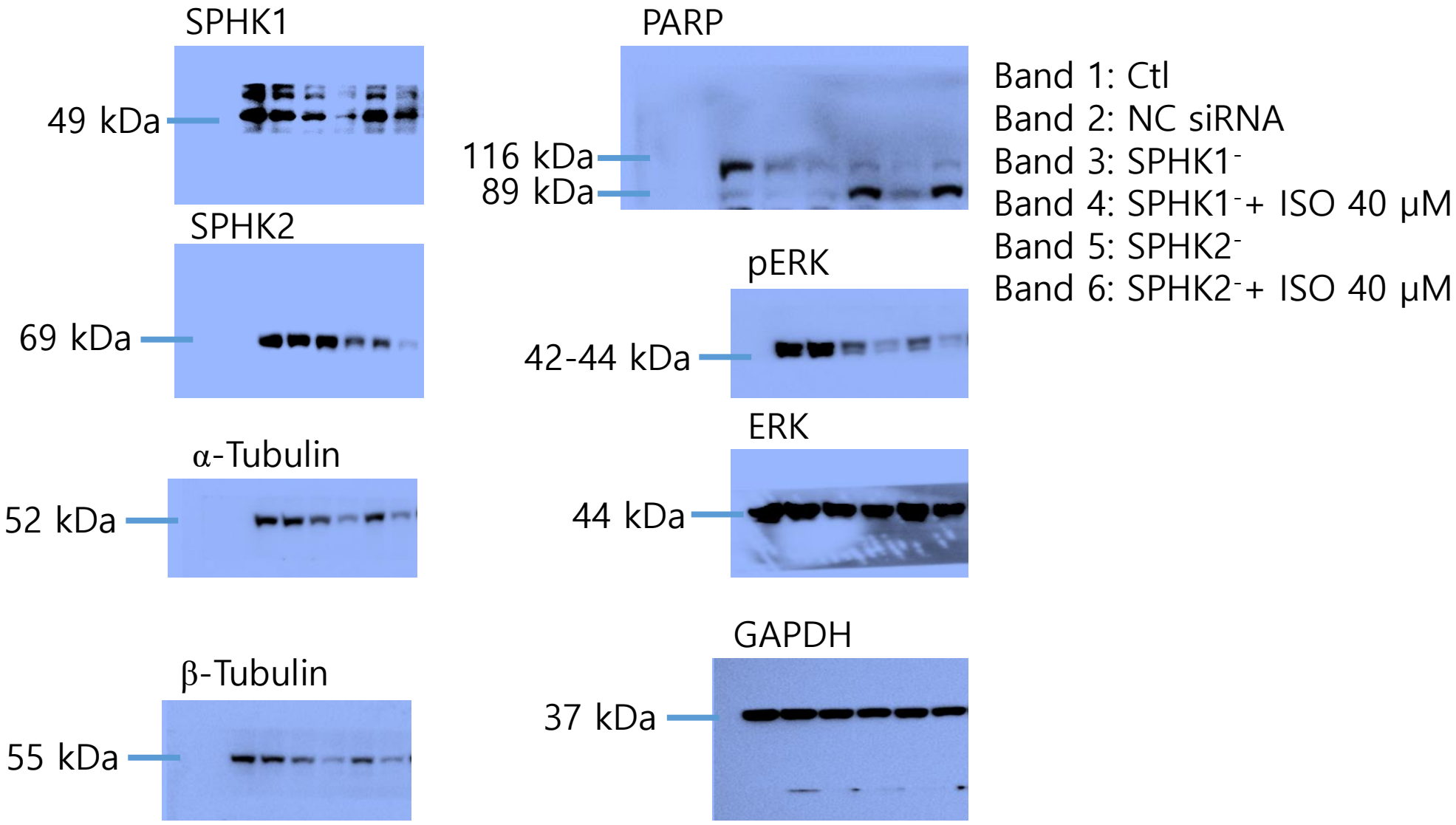
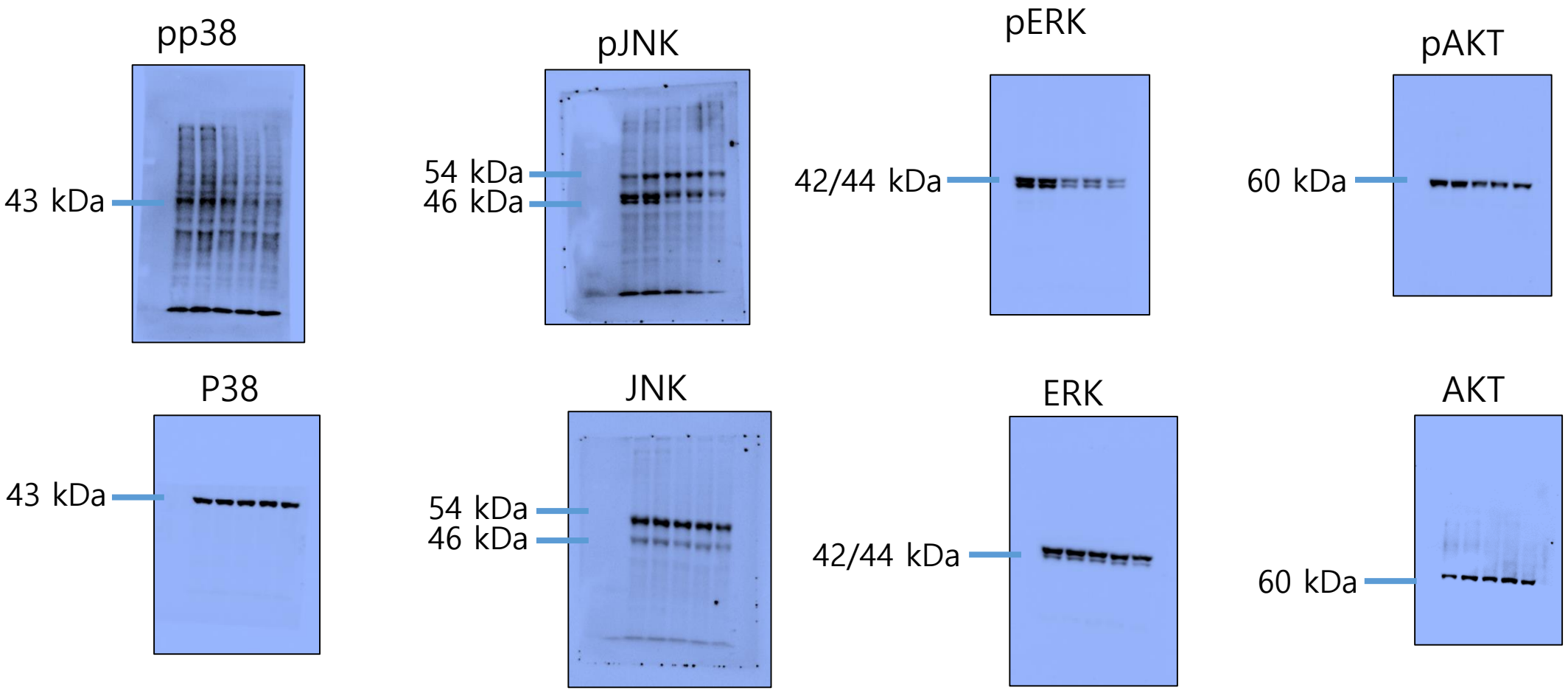


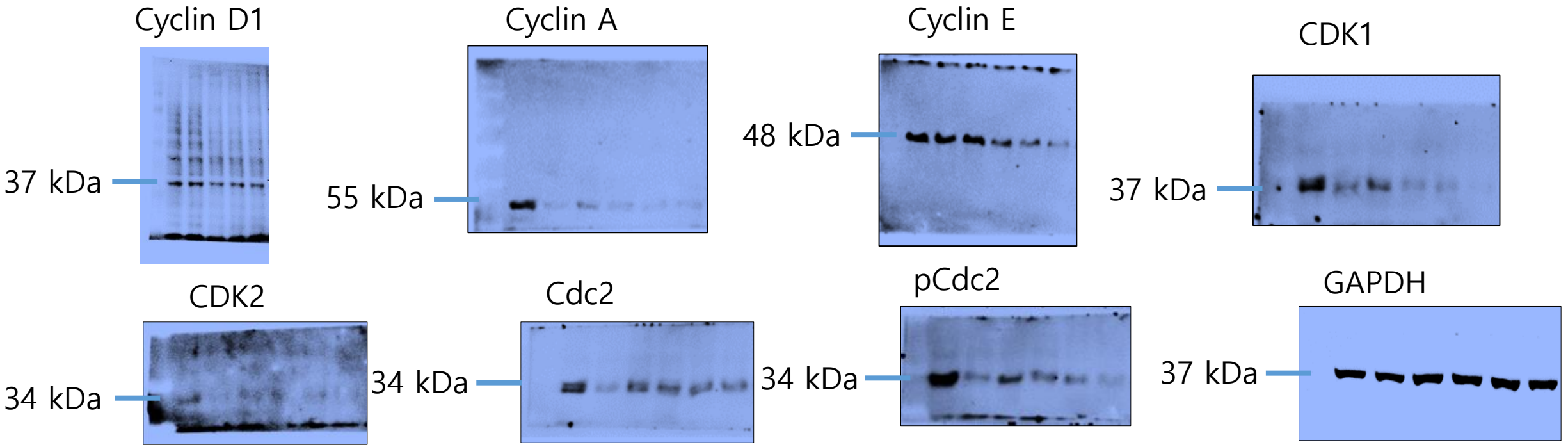
Figure 7 original data



Band 1: Ctl Band 2: ISO 5 μM
Band 3: ISO 10 μM Band 4: ISO 20 μM
Band 5: ISO 40 μM

Note: For Manuscript we used only Ctl, ISO 20 μM and ISO 40 μM

Figure 9 original data



Cyclin D1

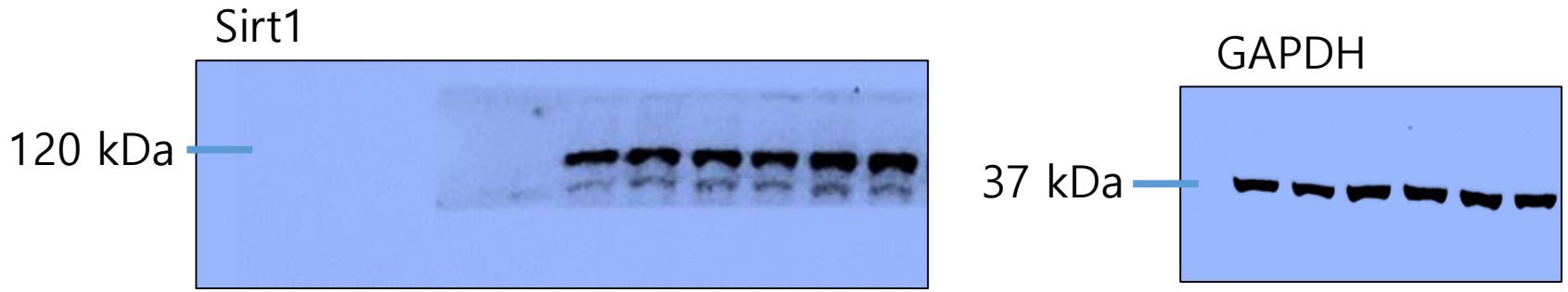
Band 1: Ctl
Band 2: Rsv 40 μM
Band 3: ISO 10 μM
Band 4: ISO 20 μM
Band 5: ISO 40 μM

Cyclin A, Cyclin E, CDK1, CDK2, cdc2, pcdc2, GAPDH

Band 1: Ctl
Band 2: Rsv 40 μM
Band 3: ISO 5 μM
Band 4: ISO 10 μM
Band 5: ISO 20 μM
Band 6: ISO 40 μM

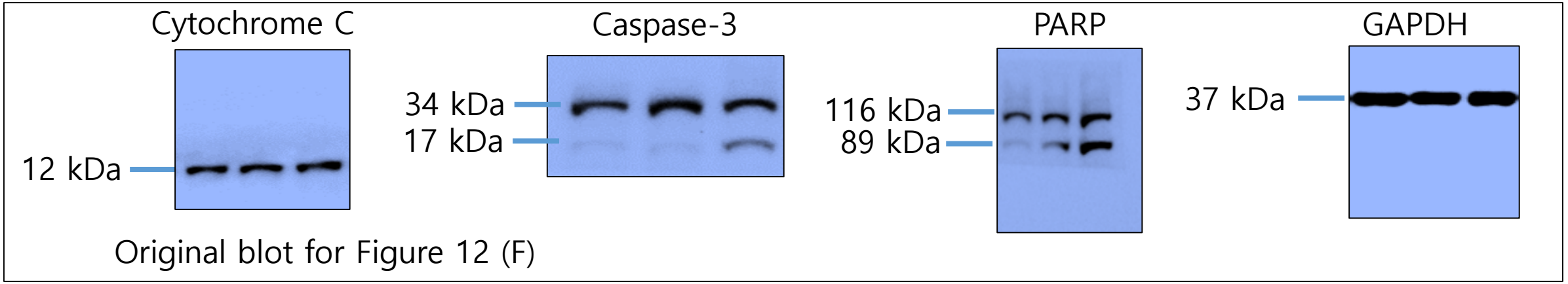
Note: For Manuscript we used only Ctl, Rsv 40 μM, ISO 20 μM, and ISO 40 μM

Figure 10 original data

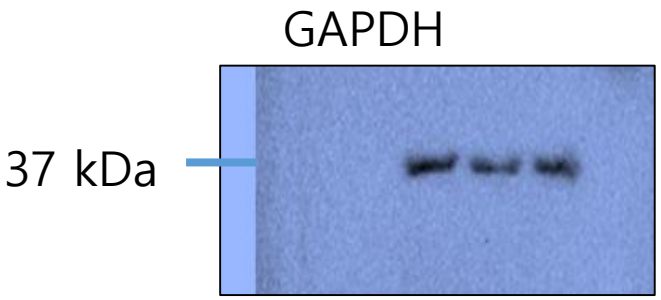


Band 1: Ctl
Band 2: Rsv 40 μM
Band 3: ISO 5 μM
Band 4: ISO 10 μM
Band 5: ISO 20 μM
Band 6: ISO 40 μM

Figure 12 original data



Original blot for Figure 12 (F)



Original blot for Figure 12 (G)

Band 1: Ctl
Band 2: ISO 20 μM
Band 3: ISO 40 μM