



FEATURES:

Wide Range: With 10 recombinant proteins covering ~10-250kDa

Ready to Use: Supplied in a loading buffer for direct loading on gels.

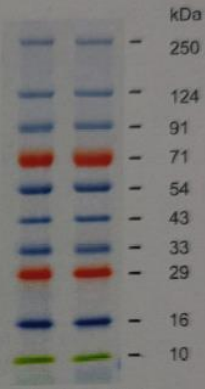
Easy to Identify: Orange color reference bands at ~71, 29kDa and one green reference band at 10 kDa.
(Lot to lot variation of the apparent molecular weight of prestained protein ladder is ~5%)

Sharp Bands

APPLICATIONS:

- Monitoring of protein separation during SDS-PAGE.
- Verifying Western transfer efficiency.
- Approximate sizing of proteins on SDS-polyacrylamide gels and Western blots.
- Locating a protein of interest for excision from an unstained preparative gel.

QUALITY CONTROL:
Tested in SDS-Polyacrylamide Gel electrophoresis and Western blotting.



5µl of the Ladder is analyzed on 4-20% SDS PAGE gel in Tris-Glycine Buffer

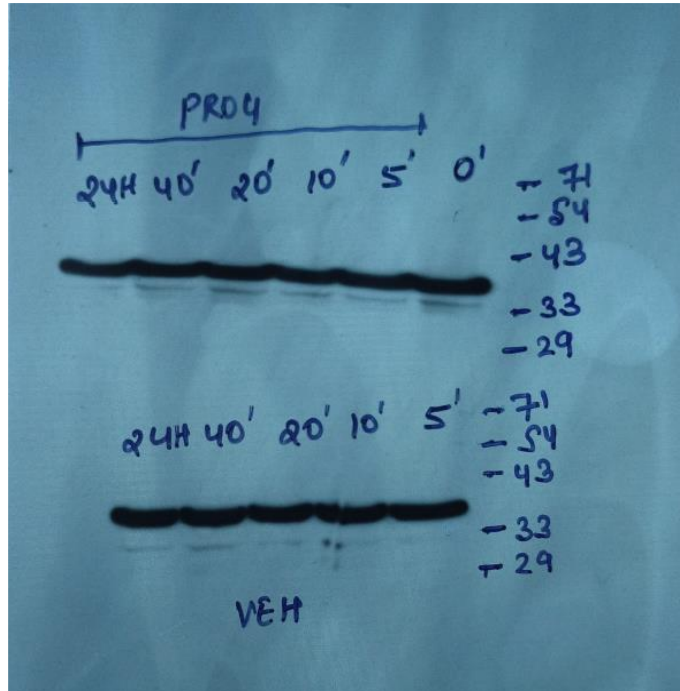
Storage
Stable at +4°C for 3 months
Store at -20°C for 12 months



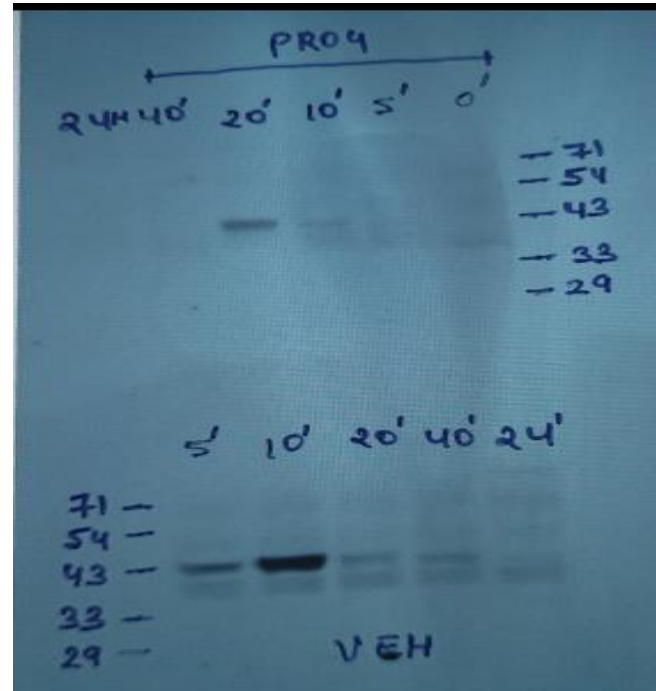
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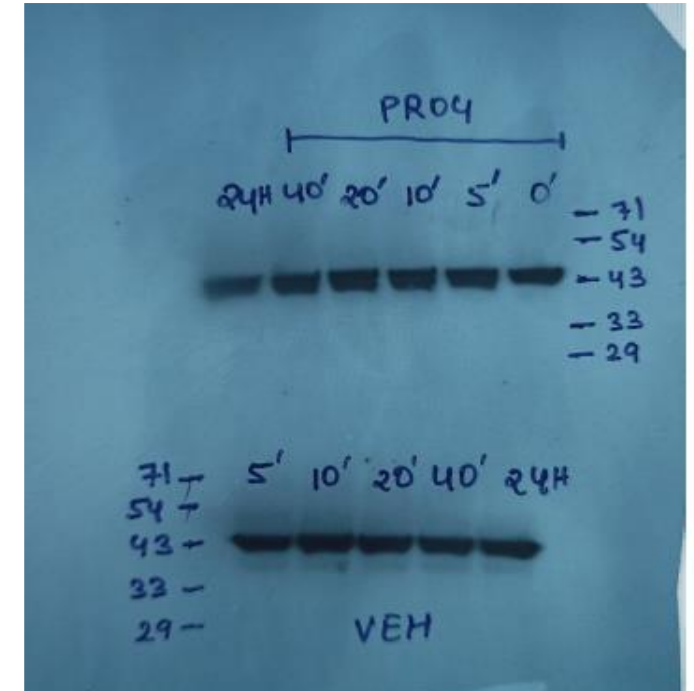
Ladder ref : Puregene (PG-PMT2922)



GAPDH - 37 kDa

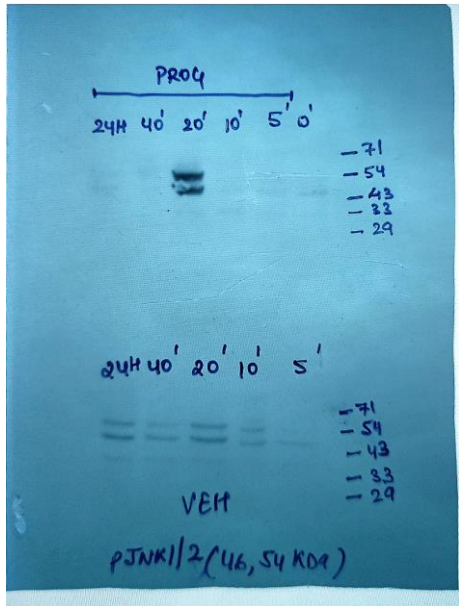


pp38 - 43 kDa

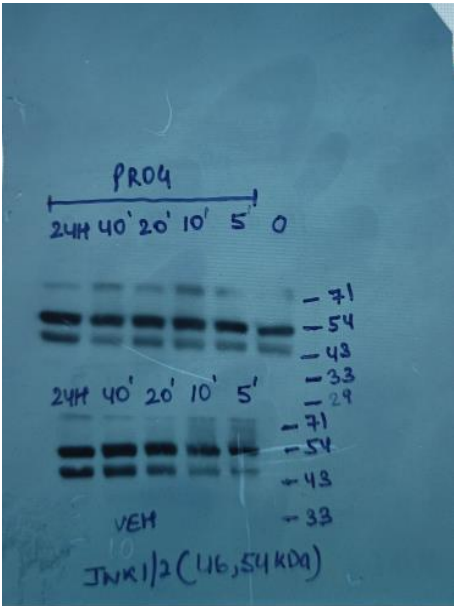


p38 - 40 kDa

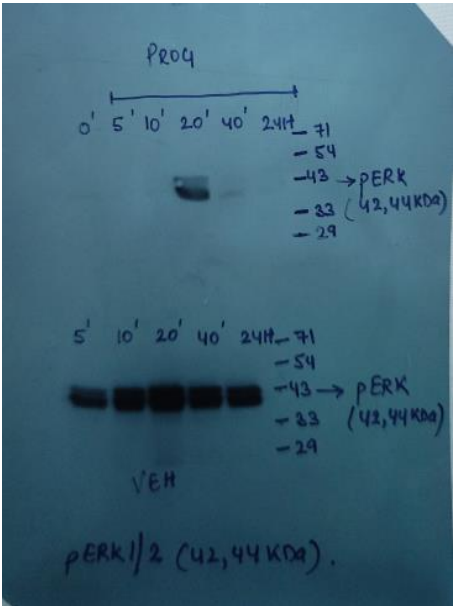
Reference to Fig 3A



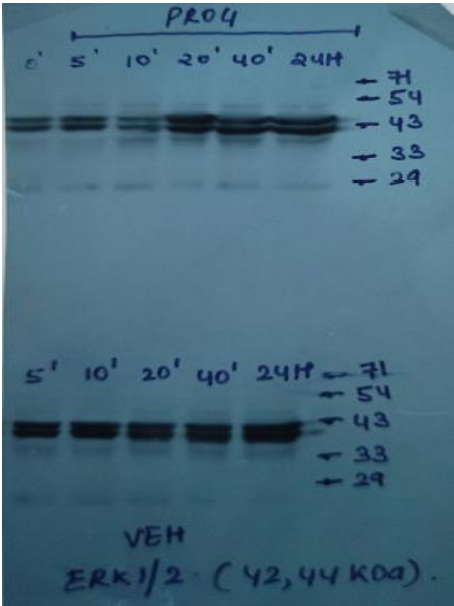
pJNK - 46, 54 kDa



JNK - 46, 54 kDa

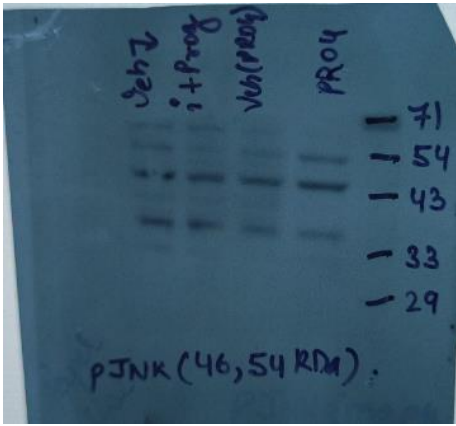


pERK - 42, 44 kDa



ERK - 42, 44 kDa

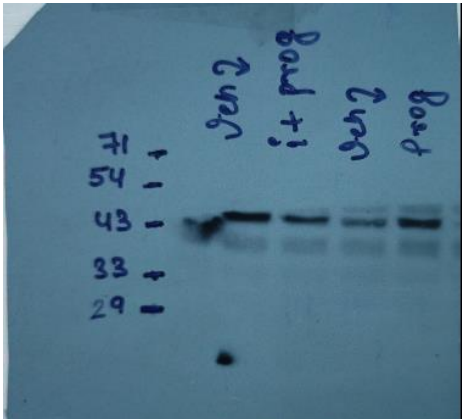
Reference to Fig 3A



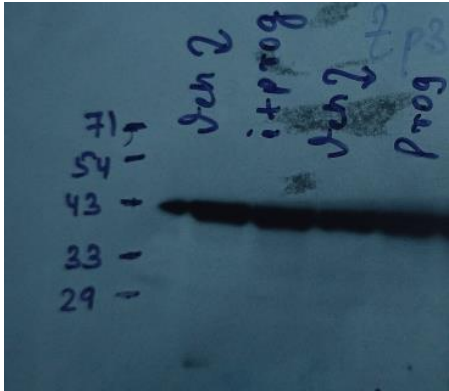
pJNK - 46,54 kDa
i: JNK inhibitor



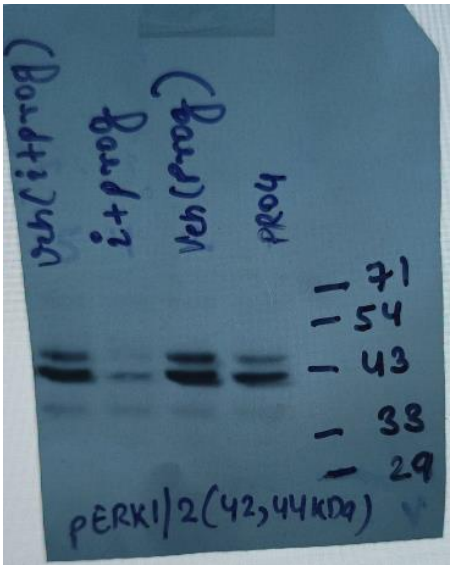
JNK - 46,54 kDa
i: JNK inhibitor



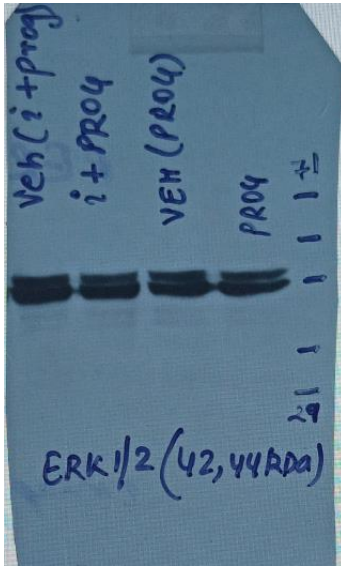
pp38 - 43 kDa
i: p38 inhibitor



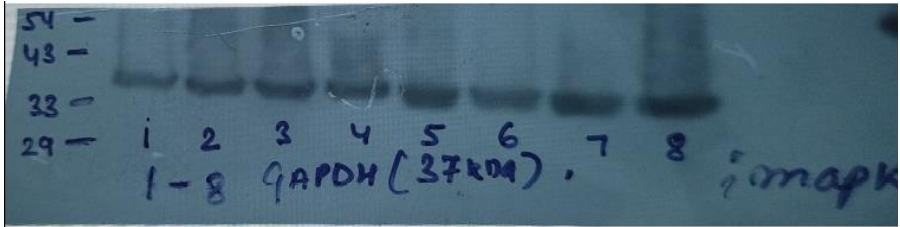
p38 - 40 kDa
i: p38 inhibitor



pERK - 42, 44 kDa
i: ERK inhibitor



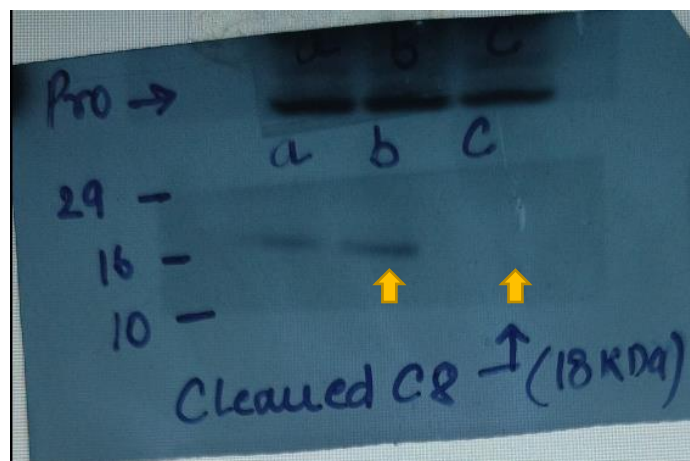
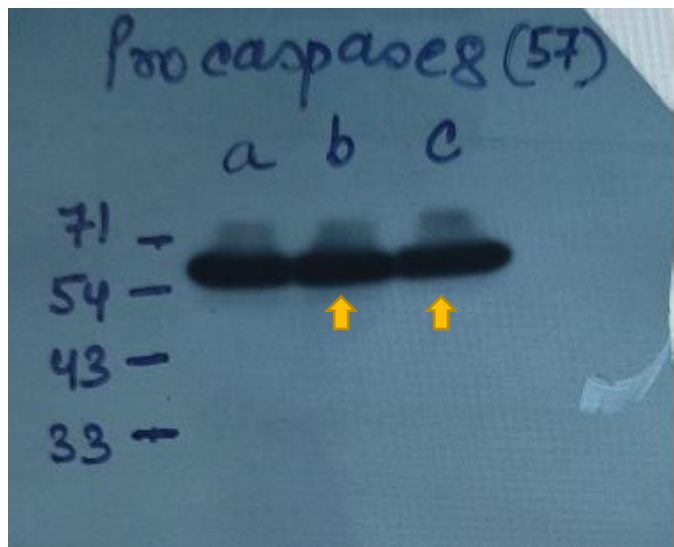
ERK - 42, 44 kDa
i: ERK inhibitor



Gapdh - 37 kDa

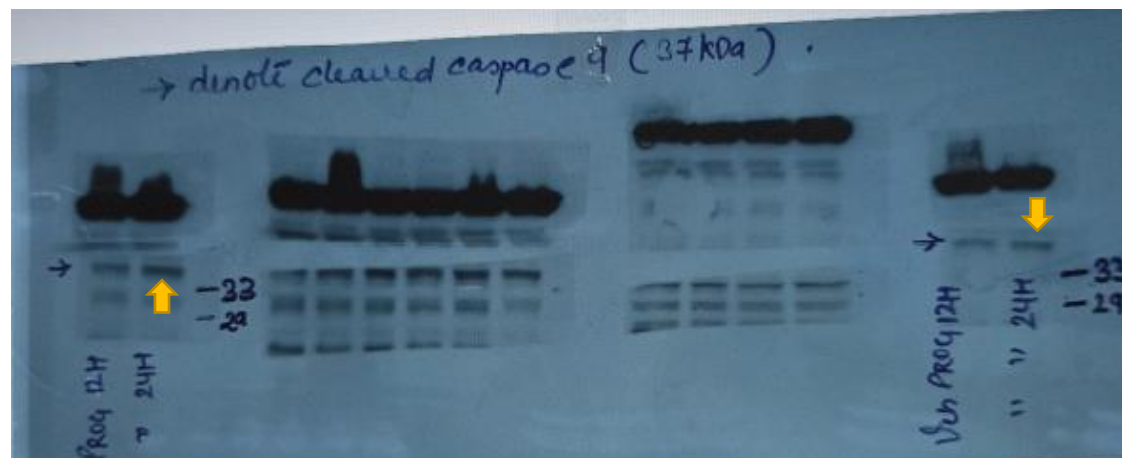
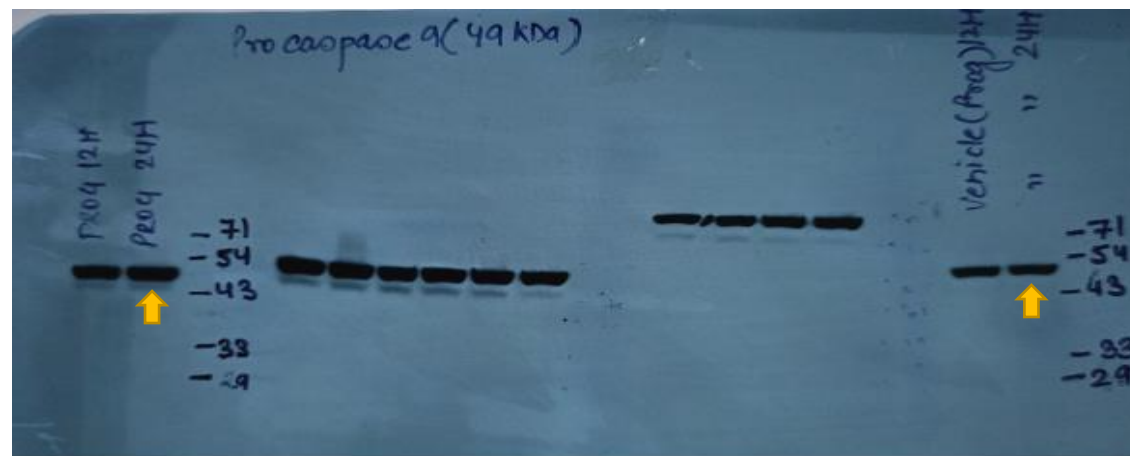
Lane 1: Veh (ip38+Prog)
Lane 2: ip38+Prog
Lane 3: Veh (Prog)
Lane 4: Prog
Lane 5: Veh (iERK+Prog)
Lane 6: iERK+Prog
Lane 7: Veh (iJNK+Prog)
Lane 8: iJNK+Prog
i: inhibitor

Reference to Fig 3C



Caspase 8 - Pro (57 kDa) and cleaved (18 kDa)

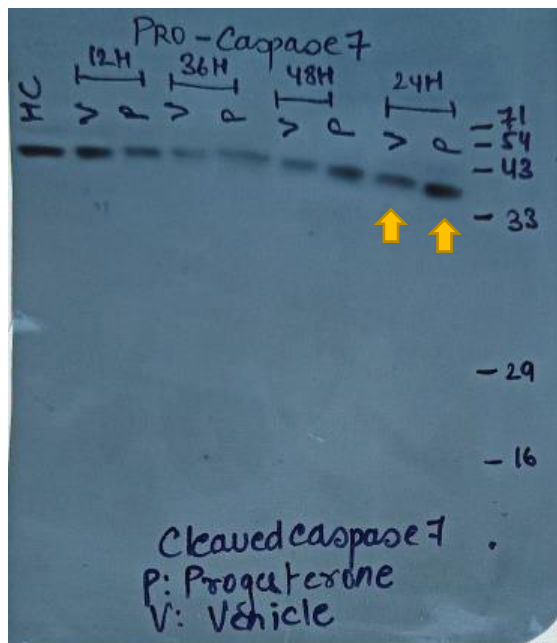
Lane a: Prog 12 h, Lane b: Prog 24 h, Lane c: Veh: 24 h



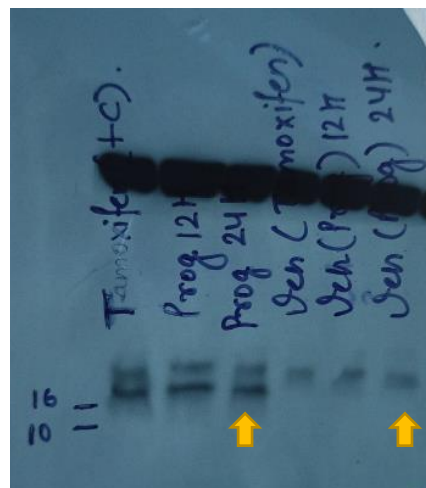
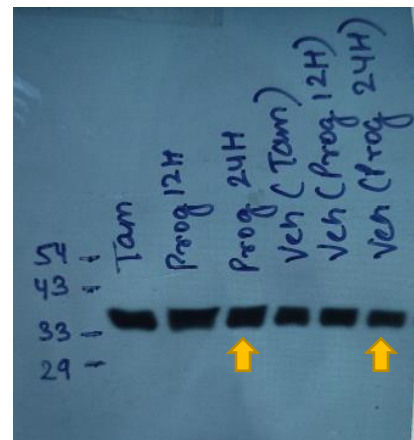
Caspase 9 - Pro (49 kDa) and cleaved (37 kDa)

Reference to Fig 4C

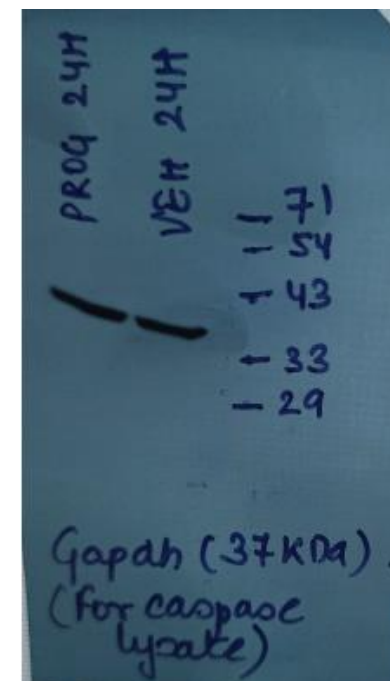
The arrows (↑) indicate bands represented in the Figure



Caspase 7 - Pro (35 kDa) and cleaved (20 kDa)



Caspase 3 - Pro (35 kDa) and cleaved (17 kDa)

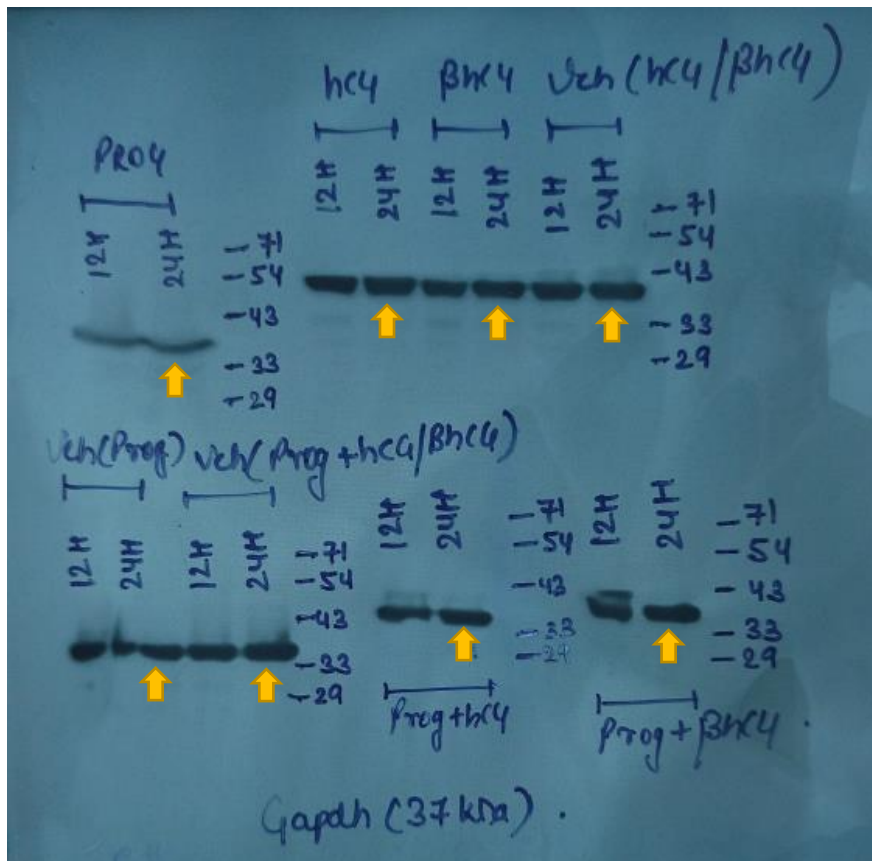


Gapdh - 37 kDa

Reference to Fig 4C

The arrows (↑) indicate bands represented in the Figure



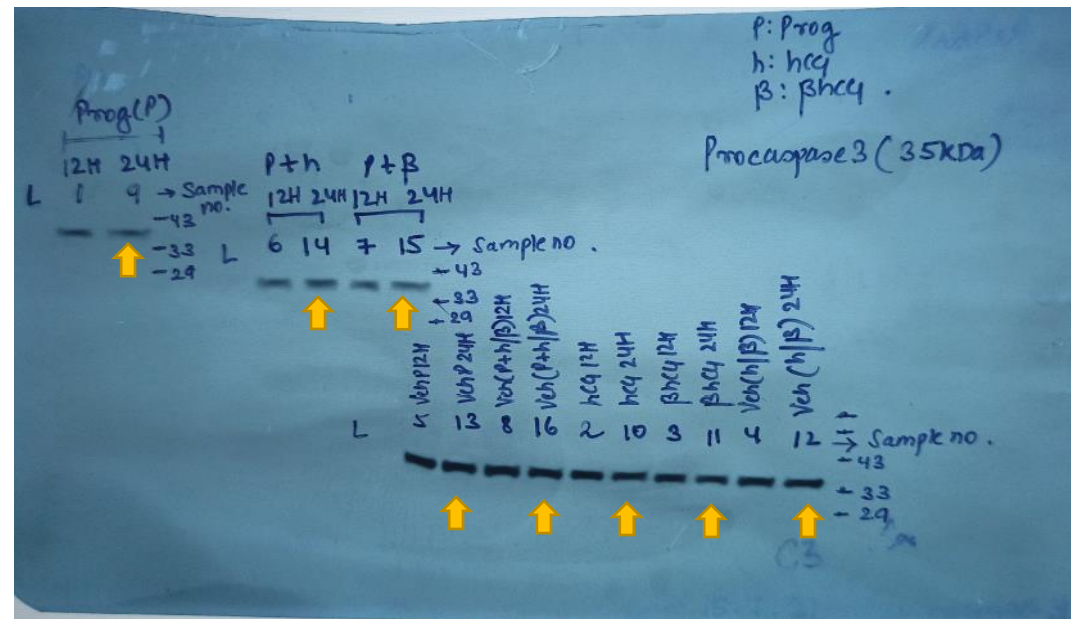


Gapdh - 37 kDa

(Note: Beta-hCG represented as β hCG)

Reference to Fig 4C

The arrows (↑) indicate bands represented in the Figure



Caspase 3 - Pro (35 kDa) and cleaved (17 kDa)

(Note: Same labels for upper and lower images)