

→ Total CHK1



| H <sub>2</sub> O <sub>2</sub> | - | - | -  | + | + | +  |
|-------------------------------|---|---|----|---|---|----|
| Cur                           | 0 | 1 | 10 | 0 | 1 | 10 |
|                               |   |   |    |   |   |    |

Total  
CHK2

MS

PCHK1

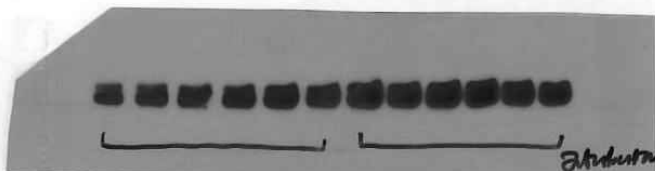
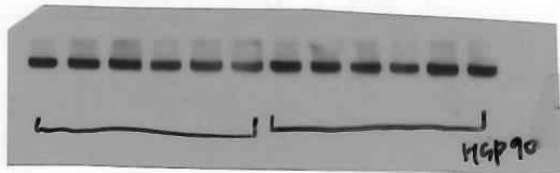
| H <sub>2</sub> O <sub>2</sub> | - | - | -  | + | + | +  |
|-------------------------------|---|---|----|---|---|----|
| Cur                           | 0 | 1 | 10 | 0 | 1 | 10 |
|                               |   |   |    |   |   |    |

PCHK2 →

γH2AX

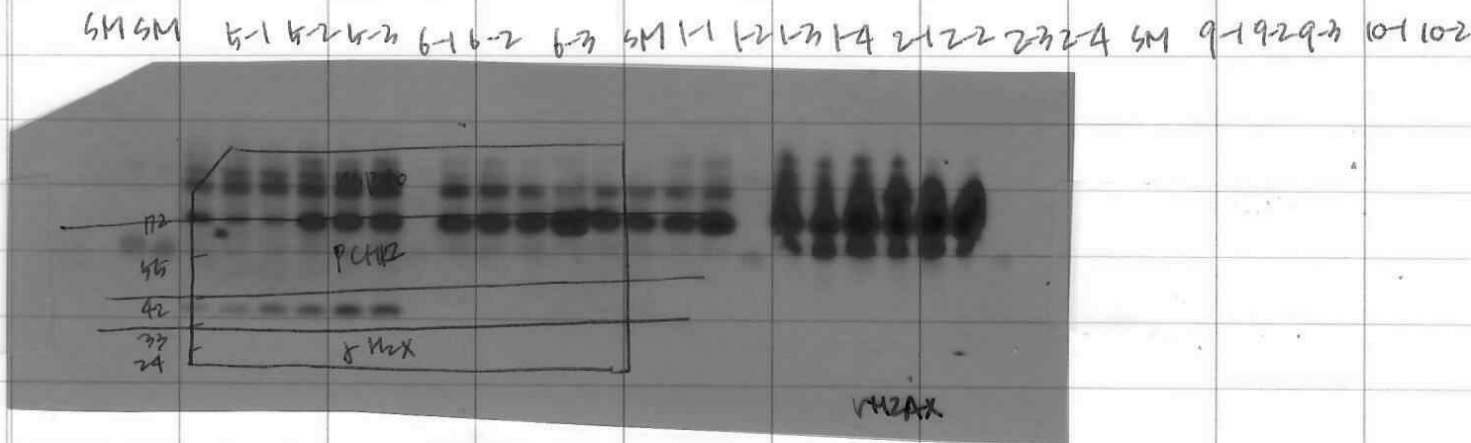
→

| H <sub>2</sub> O <sub>2</sub> | - | - | -  | + | + | +  |
|-------------------------------|---|---|----|---|---|----|
| Cur                           | 0 | 1 | 10 | 0 | 1 | 10 |
|                               |   |   |    |   |   |    |



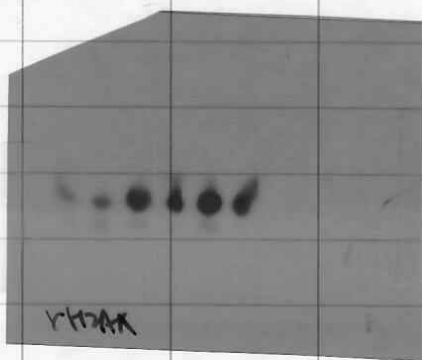
Total  
CHK1 & 2  
Frag. v

2019.6.27. Western blot.



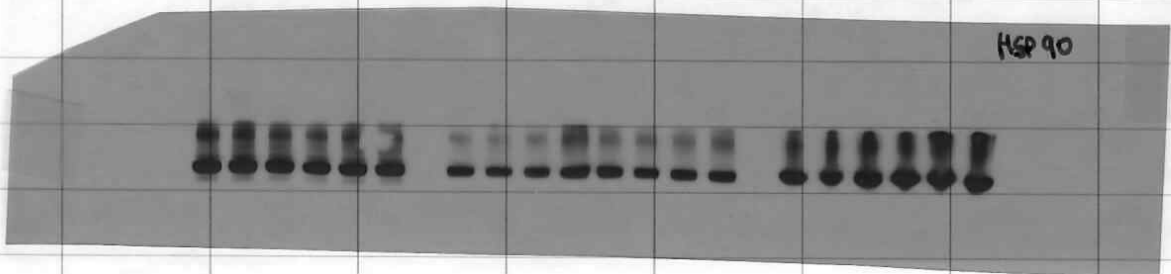
267S5 preadipocyte.

DMSO 1uM 10uM DMSO 10uM 10uM  
H2O2 100uM

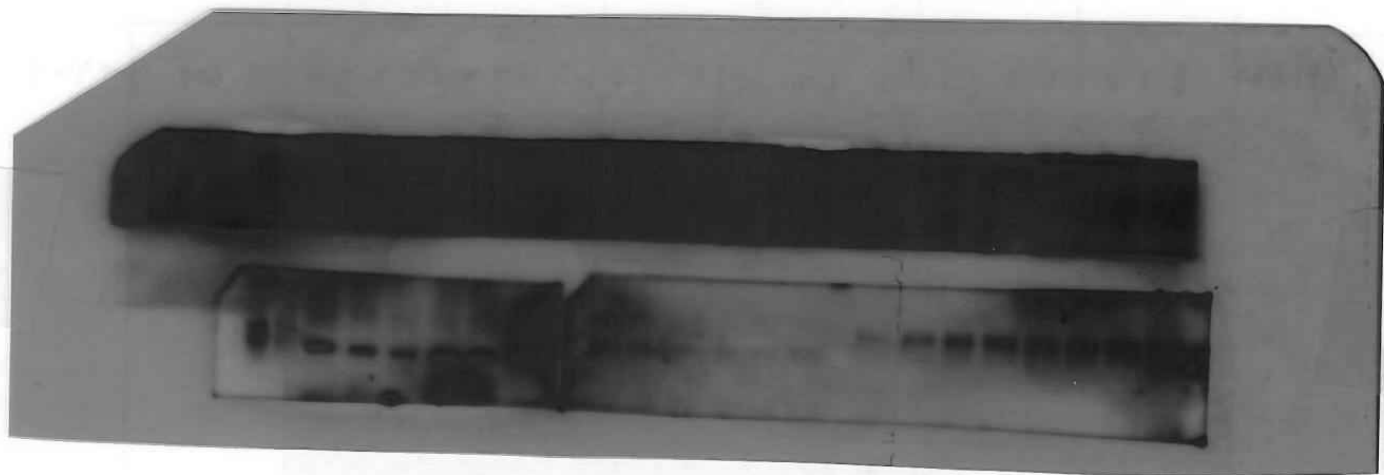


267S5 fully differentiated adipocyte

DMSO 1uM 10uM DMSO 1uM 10uM  
H2O2 100uM

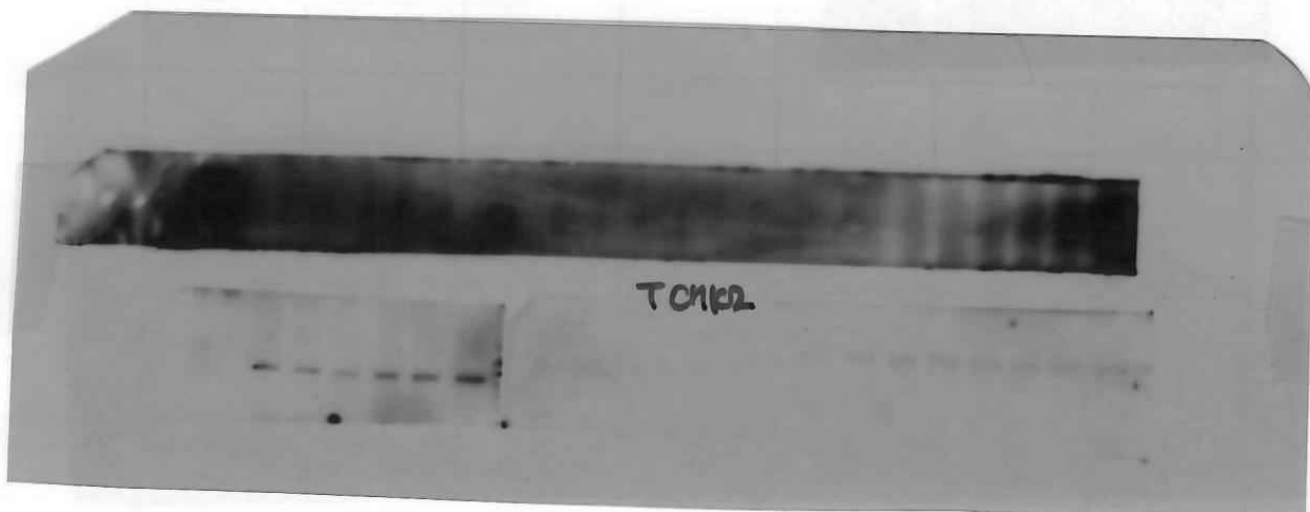


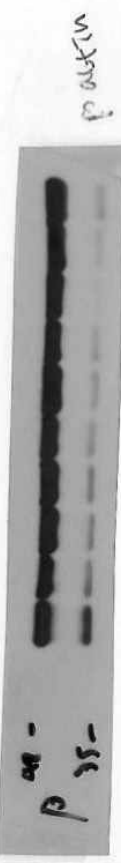
Level 1  
 10/1/25  
 10/1/25



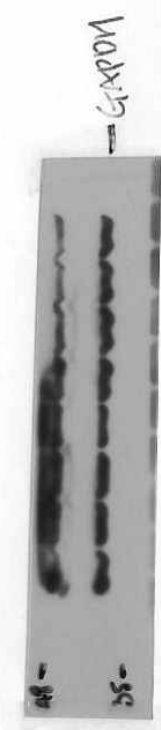
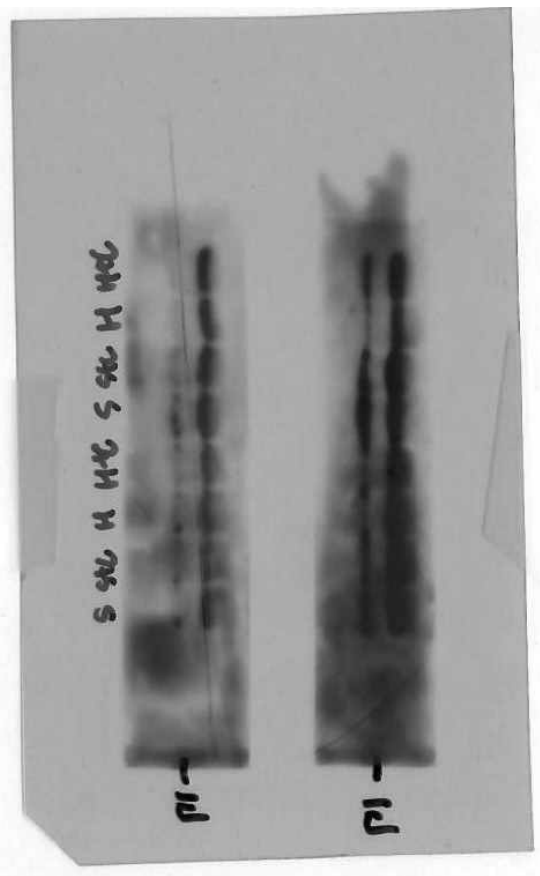
DATE 10/1/25  
 TIME 10:00 AM  
 LOCATION 1000 ft

DATE 10/1/25  
 TIME 10:00 AM  
 LOCATION 1000 ft





Western



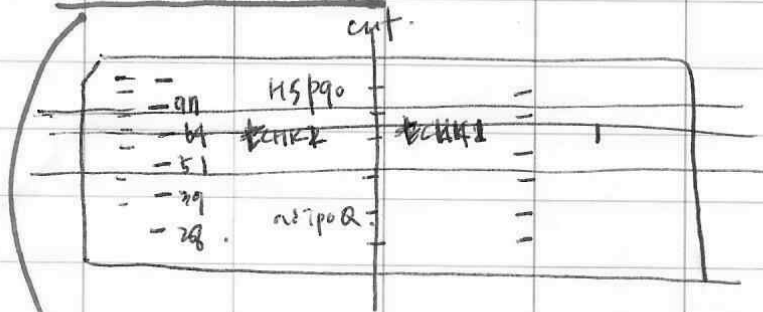
2019. 6. 26

PCHK1 & 2

Western.

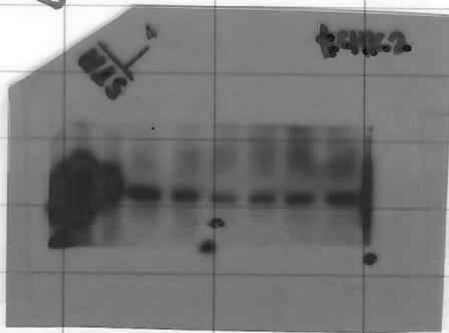
well 267u.

SM 6-1 5-2 5-3 6-1 6-2 6-3 SM 1-1 1-2 1-3 1-4 2-1 2-2 2-3 2-4 SM 5-1 5-2 5-3 6-1 6-2 6-3  
SM SM 5-1 5-2 5-3 6-1 6-2 6-3 SM 5-1 5-2 5-3 6-1 6-2 6-3 SM 1-1 1-2 1-3 1-4 2-1 2-2 2-3 2-4 SM.

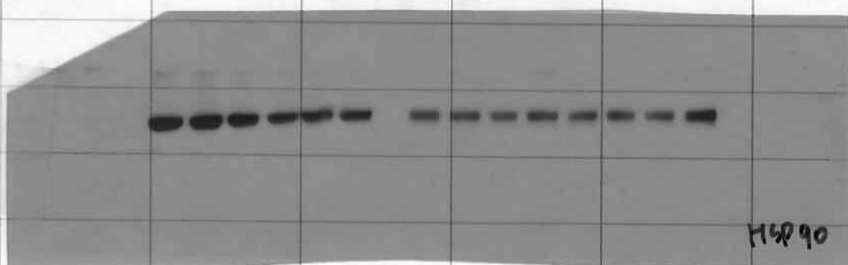
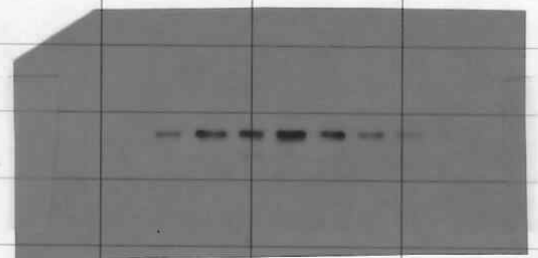
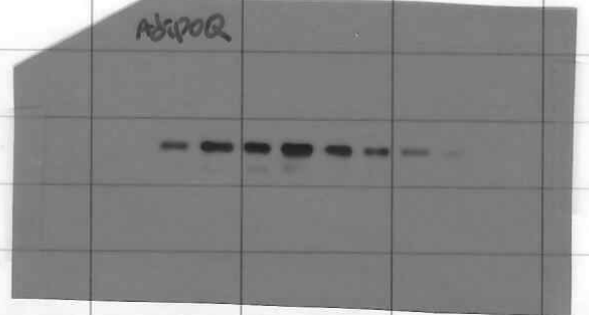
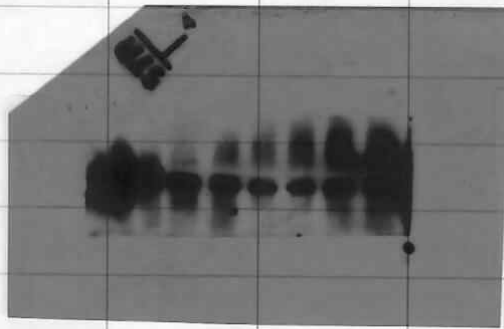


DMSO  
60.1mM  
C 1mM  
C 10mM

DMSO + H<sub>2</sub>O<sub>2</sub> 100mM  
DMSO + 0.1  
DMSO + 1  
DMSO + 10 } + H<sub>2</sub>O<sub>2</sub>

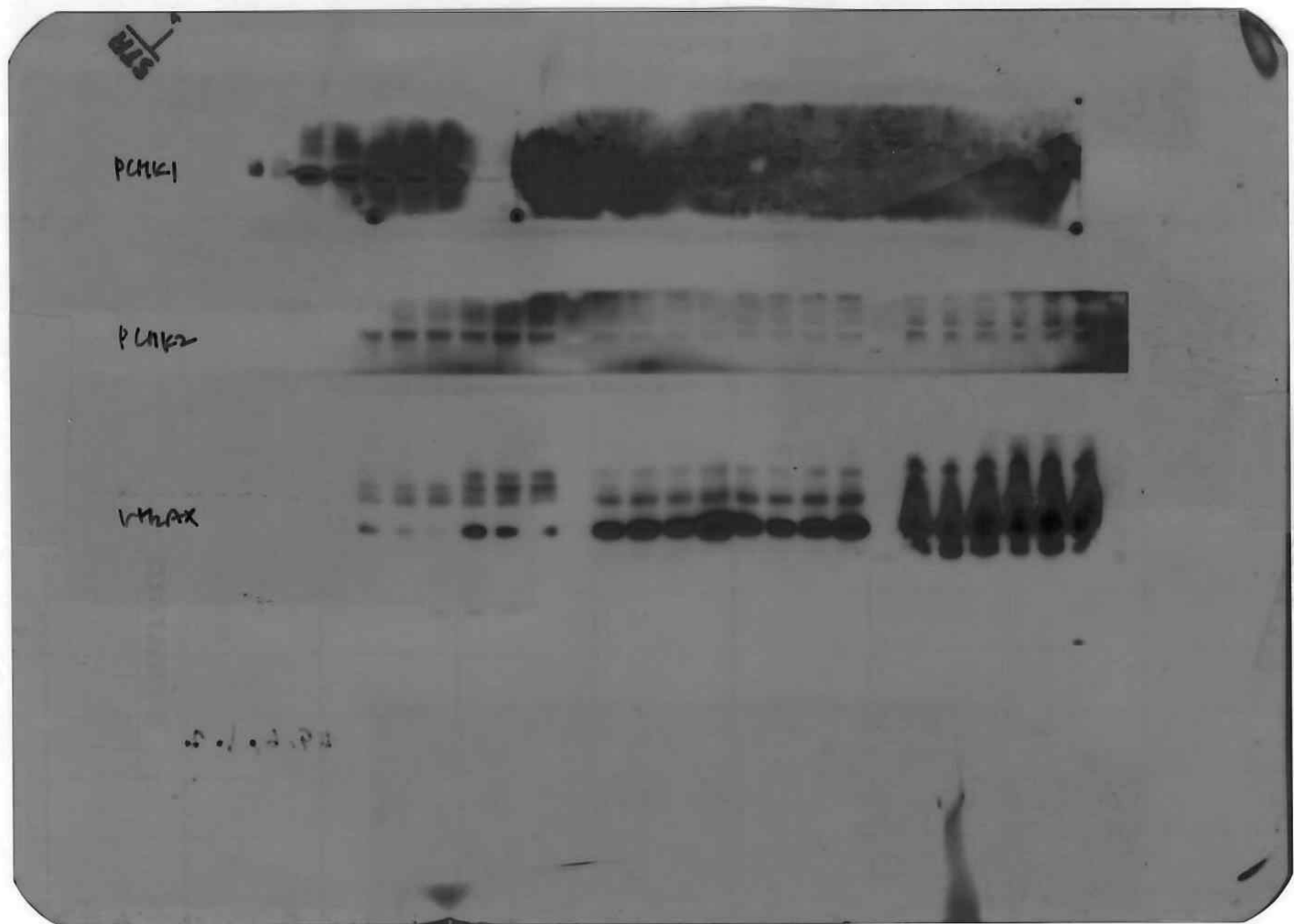
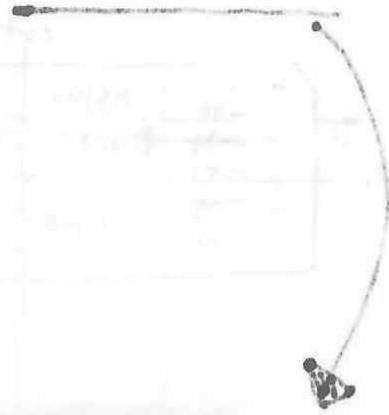


← Total PCHK2



#5, 6, 1, 2

C 10 mM  
 C 1 mM  
 C 0.1 mM  
 DMSO  
 DMSO + 0.1  
 DMSO + 1  
 DMSO + 10  
 DMSO + 100



5.1.1.2.2