

Supplemental Material to:

Tsung-Ming Chang and Wen-Chun Hung

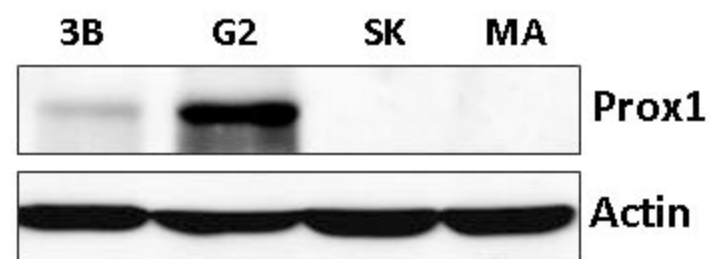
The homeobox transcription factor Prox1 inhibits proliferation of hepatocellular carcinoma cells by inducing p53-dependent senescence-like phenotype

Cancer Biology & Therapy 2012; 14(3)

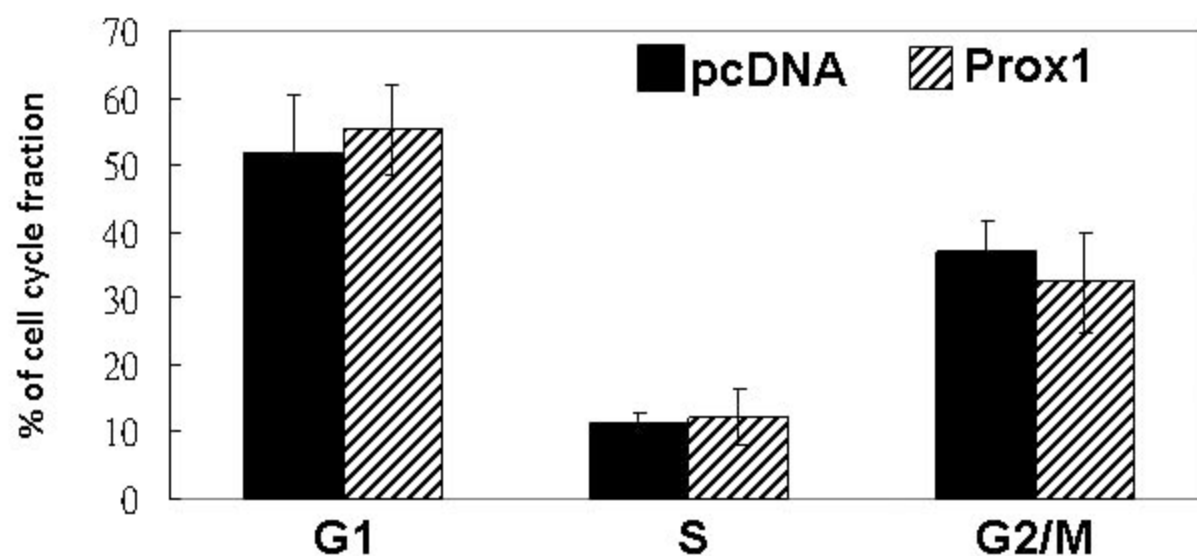
<http://dx.doi.org/10.4161/cbt.23293>

<http://www.landesbioscience.com/journals/cbt/article/23293/>

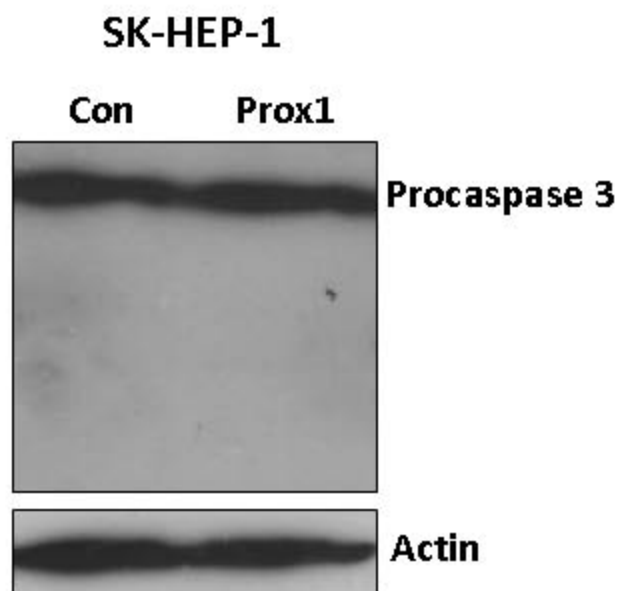
Expression of Prox1 in HCC cell lines (3B: Hep3B; G2: HepG2; SK: SK-HEP-1 and MA: Mahlavu)



Cell cycle distribution of control and Prox1-expressing SK-HEP-1 cells



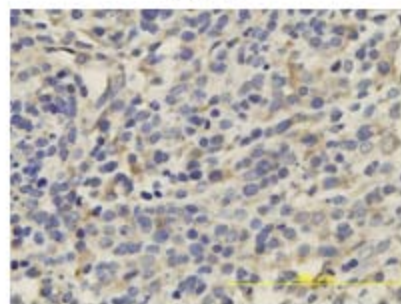
Prox1 did not induce caspase-3 activation in SK-Hep-1 cells



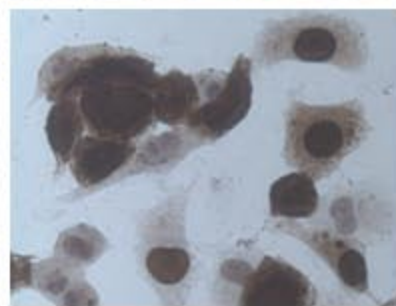
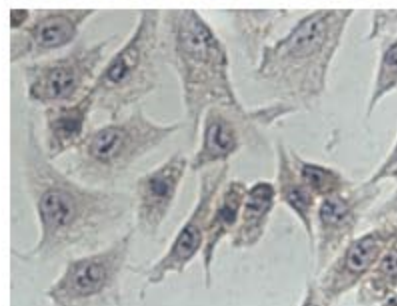
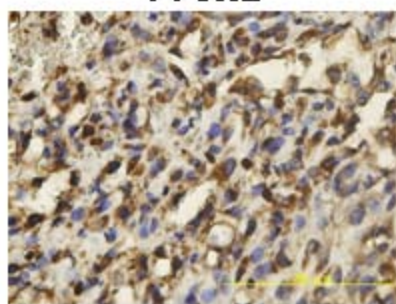
Immunohistochemical and immunocytochemical staining
of control and Prox1-expressing tumor sections and cells

Prox1 antibody from AngioBio

Con



Prox1



The sequence of RT-PCR primers used in this study.

Prox1-forward: 5'-TGGCCTATCCATTTCAGAGC-3'

Prox1-reverse: 5'-ATCCTTCCTGCATTGCACTT-3'

Twist-forward: 5'-GTCCGCAGTCTTACGAGGAG-3'

Twist-reverse: 5'-CCAGCTTGAGGGTCTGAATC-3'

p53-forward: 5'-GTGGAAGGAAATTTGCGTGT-3'

p53-reverse: 5'-CCAGTGTGATGATGGTGAGG-3'

Actin-forward: 5'-TGTTACCAACTGGGACGACA-3'

Actin-reverse: 5'-GGGGTGTTGAAGGTCTCAAA-3'