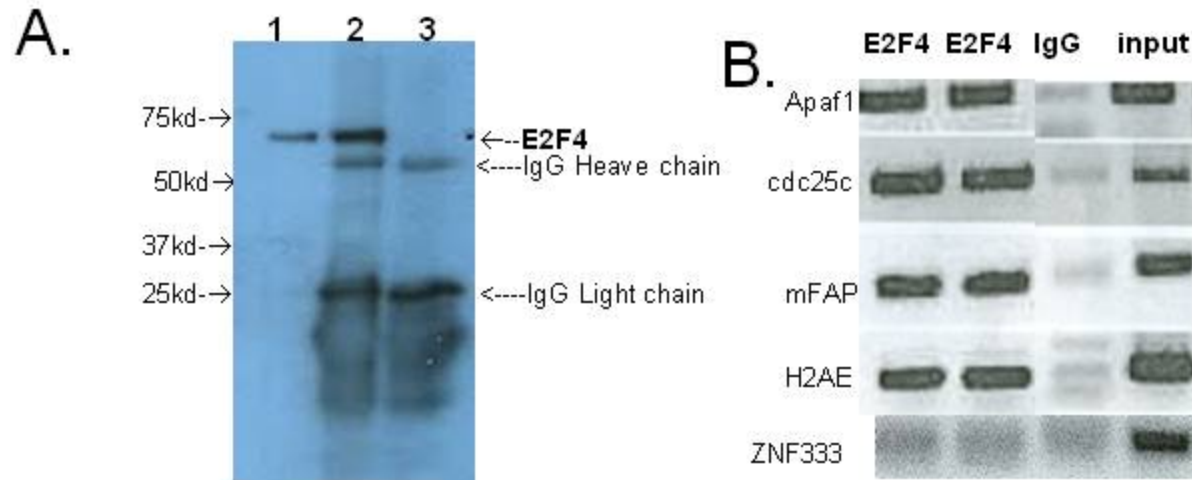


Farnham lab @ UC Davis
E2F4 (GeneID: 1874) antibody validation



E2F4 antibody: Santa Cruz Biotechnology, Inc. E2F4(C-20): SC-866

Validation of the E2F4 antibody.

A. An IP western was performed using Gm12878 extract. The E2F4 antibody recognized one band of the right size in nuclear extract (lane 1). This band was immunoprecipitated by the E2F4 antibody (lane 2) but not by a control rabbit IgG (lane 3).

B. ChIPs were performed with E2F4 and Rabbit IgG antibodies in K562 cells. Samples were analyzed by PCR using primers to known E2F4 targets. The target sites were precipitated by the E2F4 antibody but not by the control IgG. The negative control site (ZNF333) was not precipitated by the E2F4 antibody.