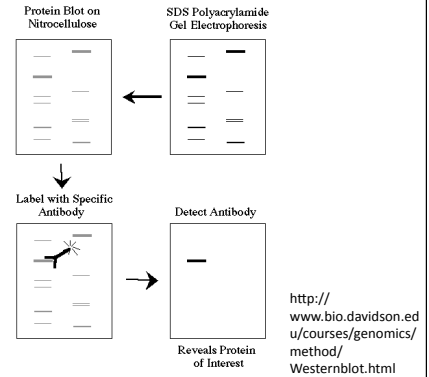


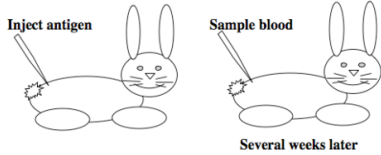
# System Engineering

20.109(F10)  
 M2D7 lecture  
 11.04.10

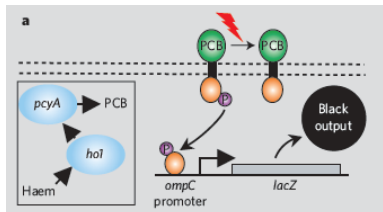
## Western blot



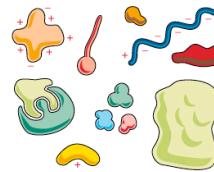
## Polyclonal Antibody Production



Which protein would we like to have an antibody recognize?



## Affinity Purification



Mixture contains proteins of various size,  
 shape,  
 charge,  
 hydrophobicity,  
 affinity for different molecules

**These properties can be exploited to separate individual protein from mixture**

Alberts "Essential Cell Biology"

