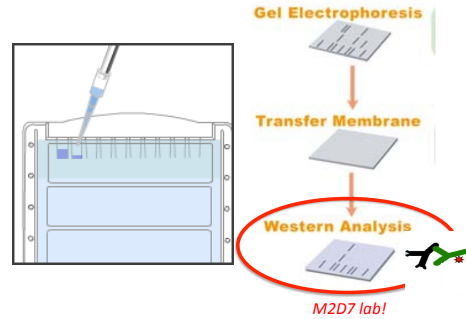


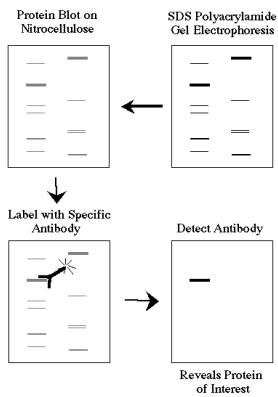
System Engineering

20.109(F12)
M2D7 lecture
11.01.12

Detection through Western Analysis

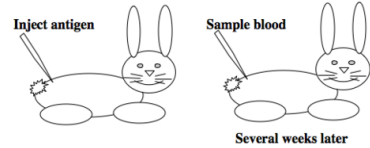


Western blot

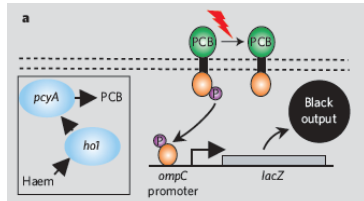


<http://www.bio.davidson.edu/courses/genomics/method/Westernblot.html>

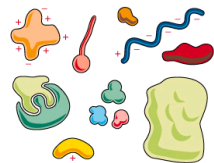
Polyclonal Antibody Production



Which protein would we like to have an antibody recognize?



Affinity Purification

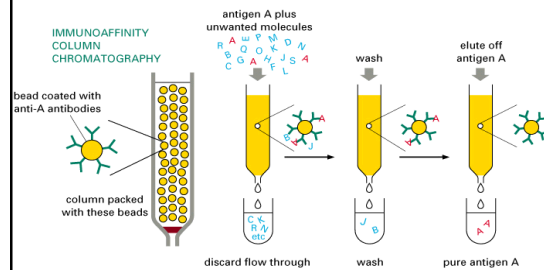


Mixture contains proteins of various size, shape, charge, hydrophobicity, affinity for different molecules

These properties can be exploited to separate individual protein from mixture

Alberts "Essential Cell Biology"

Affinity Chromatography



Alberts "Essential Cell Biology"

