

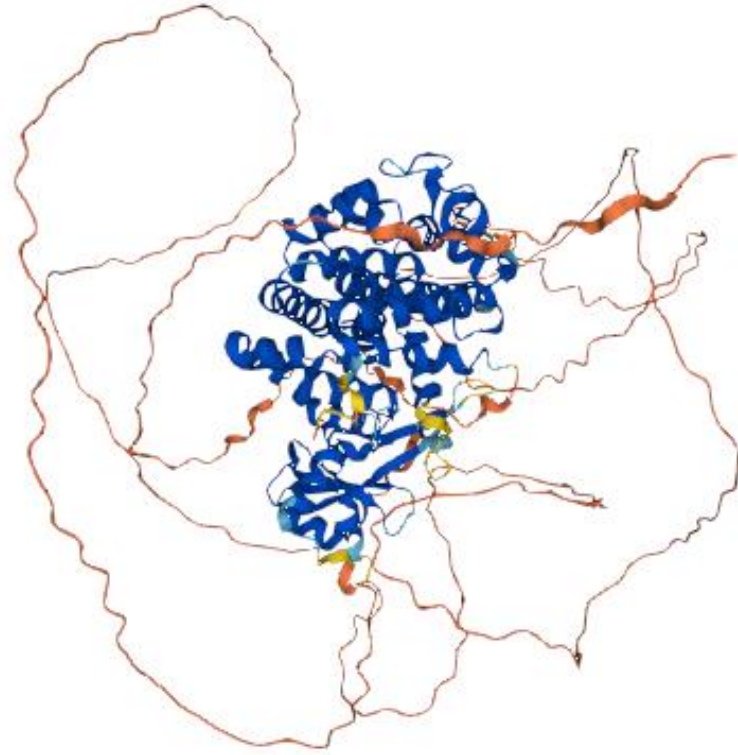


**Vezanje endogenih proteina na DPPIII u
različitim staničnim linijama**

Lea Barbarić

● DPP III Mini-symposium, IRB, Zagreb, 23.9.2022.

SH2D3C



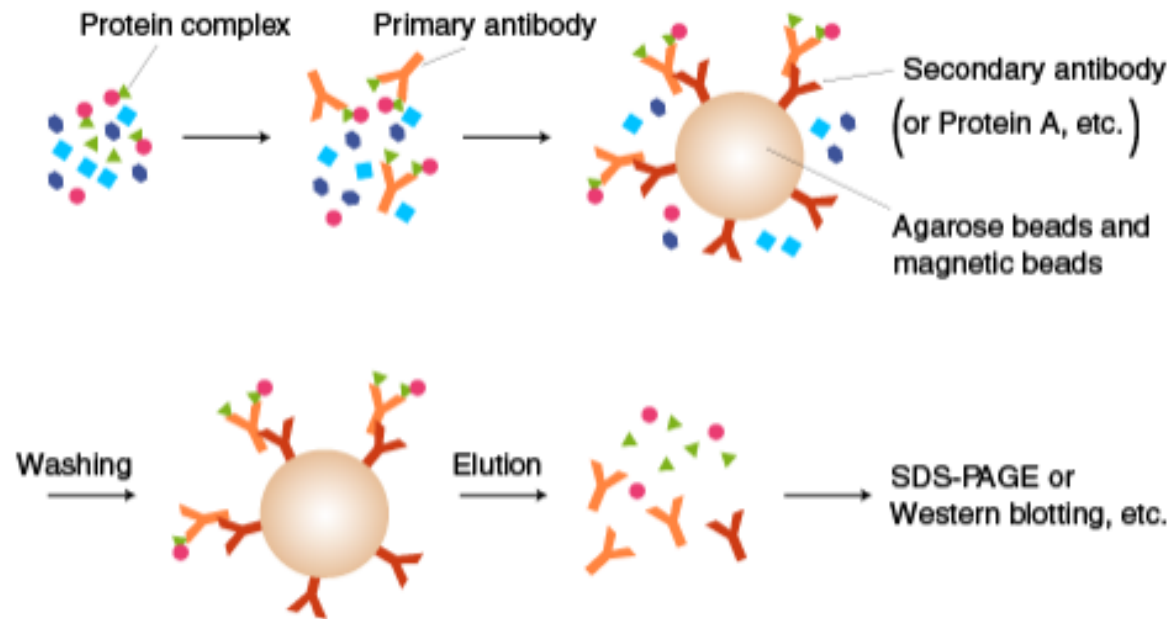
Stanične linije

- HeLa
- HEK293T
- NIH3T3
- SHSY5Y

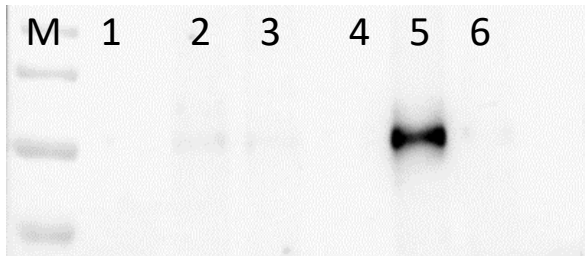
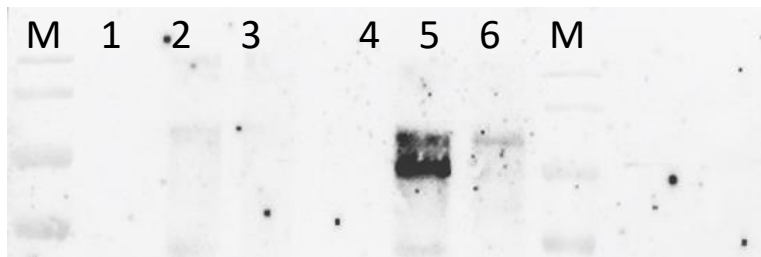
Stanice inkubirane 30 minuta u 400
 $\mu\text{M H}_2\text{O}_2$



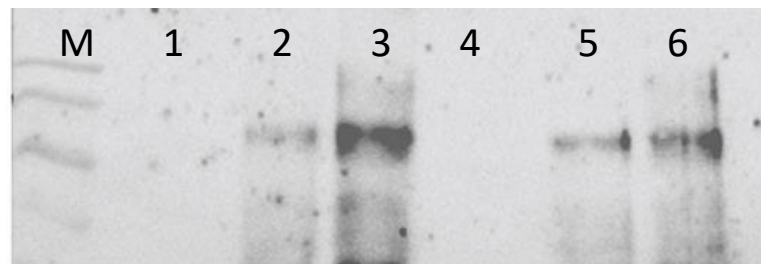
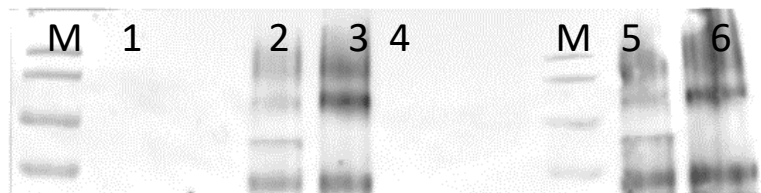
Koimunoprecipitacija



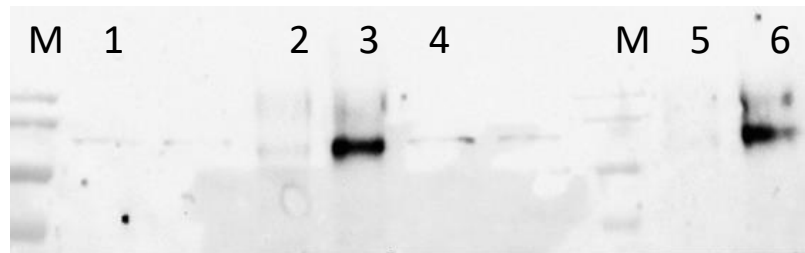
HeLa (nk: anti-HA)



HeLa (nk: Rb IgG)



NIH3T3 (nk: Rb IgG)



M – marker

1 – stanični lizat (netretiran)

2 – anti-DPP3 coIP (NT)

3 – NK coIP (NT)

4 – SL (tretiran)

5 – anti-DPP3 coIP (T)

6 – NK coIP (T)



Zaključak

- vezanje SH2D3C na DPP3 u HeLa staničnoj liniji je jače kada su stanice inkubirane u 400 μ M peroksidu
- kada koristimo Rb IgG kao negativnu kontrolu dobivamo vezanje
- inkubirati membrane u anti-DPP3 antitijelu da vidimo da li ima razlike u količinama DPP3 u netretiranim i tretiranim stanicama
- ponoviti s drugim staničnim linijama koje bolje eksprimiraju SH2D3C (SHSY5Y..)

