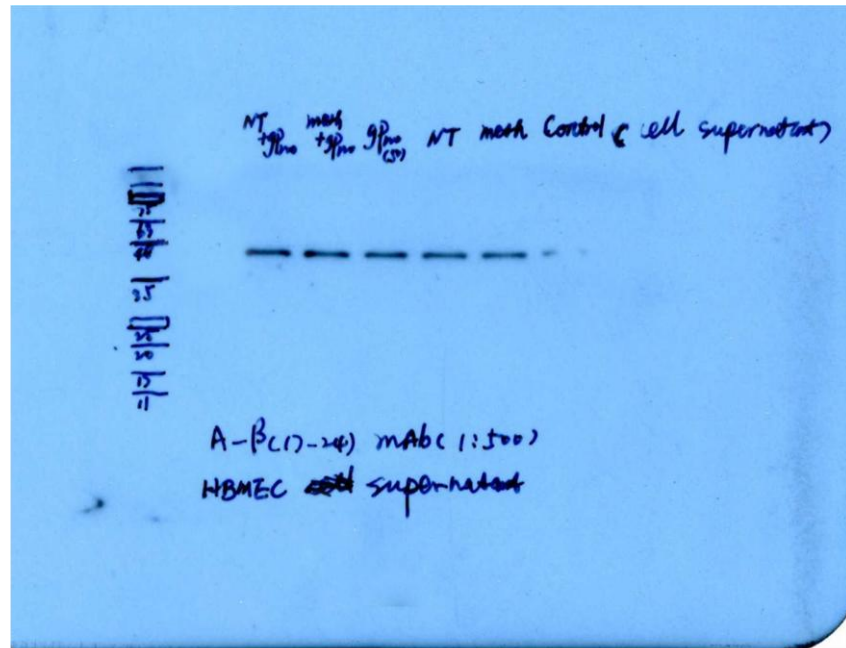


**Alpha7 nicotinic acetylcholine receptor is required for amyloid pathology in brain endothelial cells induced by Glycoprotein 120, methamphetamine and nicotine**

Liqun Liu<sup>1, 2</sup>, Jingyi Yu<sup>2, 3</sup>, Li Li<sup>3, 4</sup>, Bao Zhang<sup>2, 3</sup>, Lingjuan Liu<sup>1</sup>, Chun-Hua Wu<sup>2</sup>,  
Ambrose Jong<sup>2</sup>, Ding-An Mao<sup>1\*</sup>, Sheng-He Huang<sup>2, 3\*</sup>

Figure 3a

A $\beta$



$\beta$ -actin

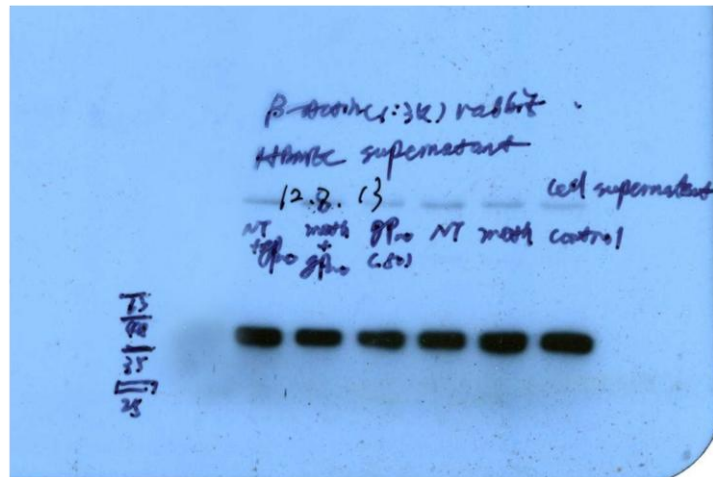


Figure 3b

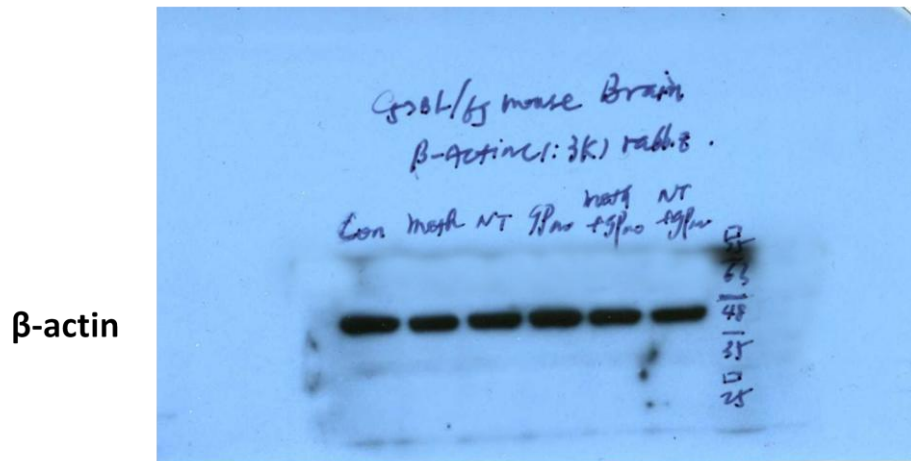
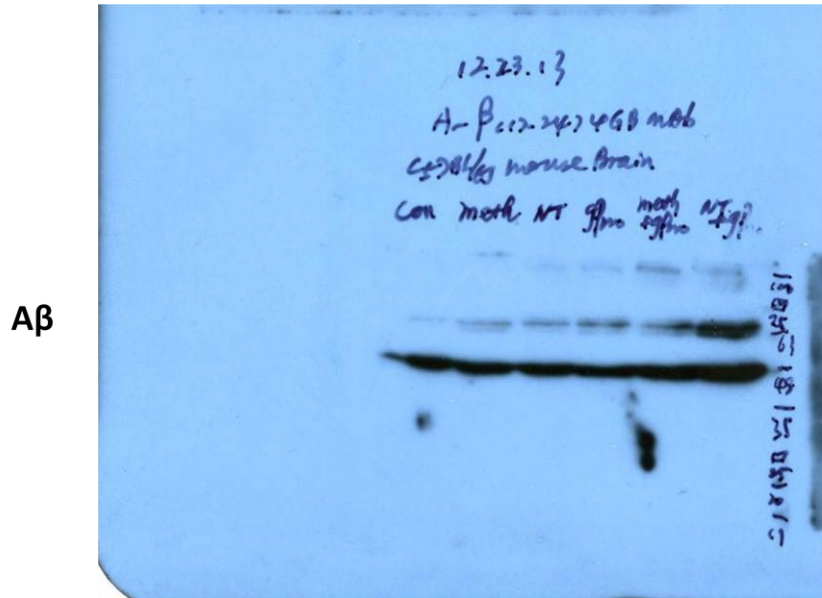


Figure 4a

AchR7, S100B, Tau, RAGE protein expression in HBMEC

after treatment with gp120 (50ng/ml) ( 0h, 2h, 6h, 24h )

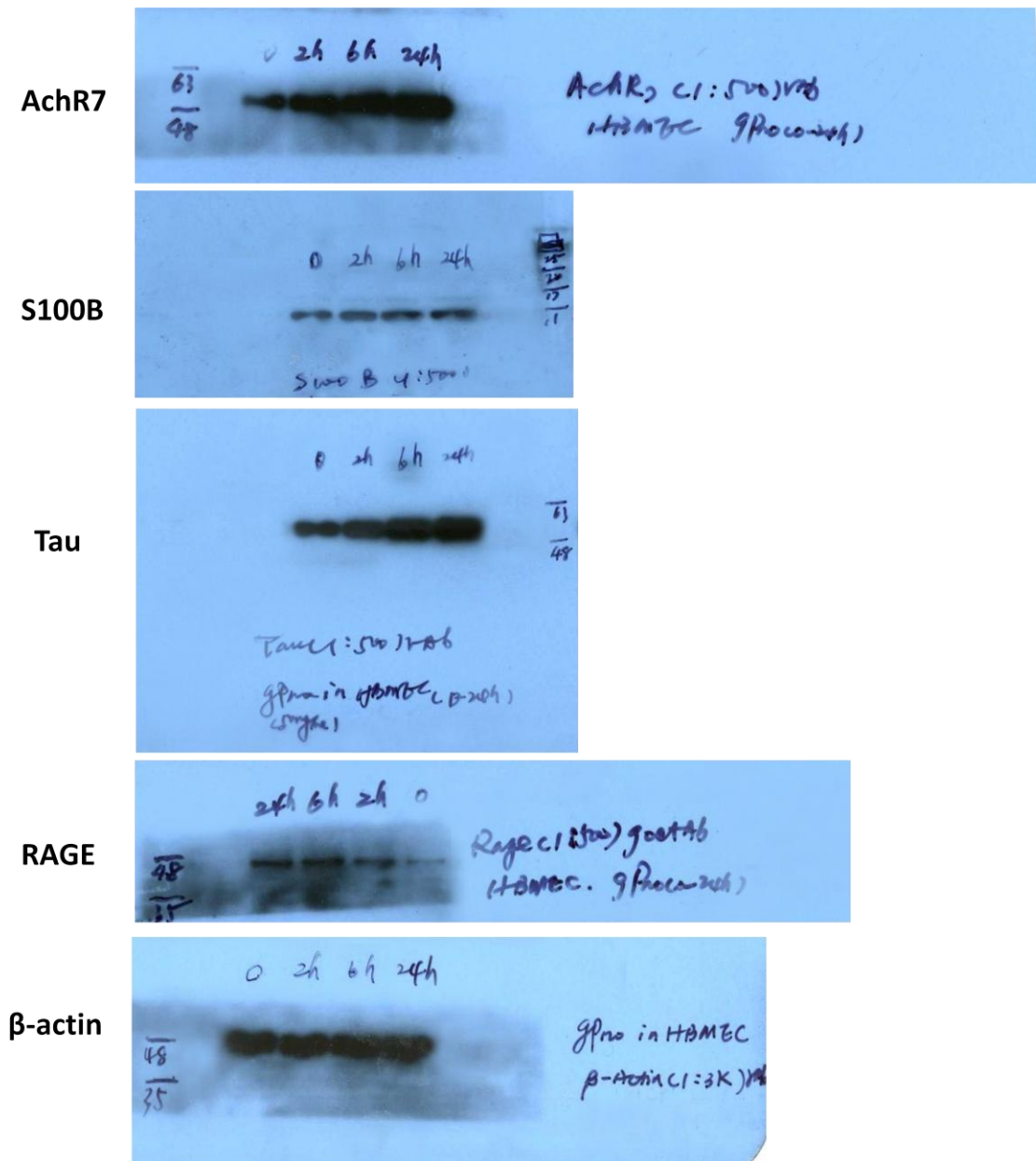


Figure 4b

AchR7, S100B, Tau, RAGE protein expression in HBMEC  
after treatment with METH(50nM) ( 0h, 2h, 6h, 24h )

