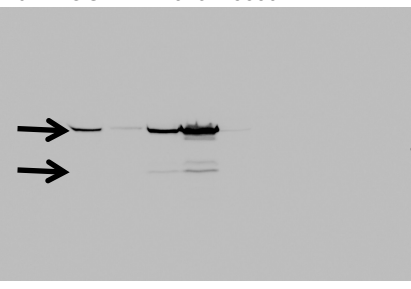


# Full unedited gel for Figure 1D

$\alpha$ -DESMIN Sigma-Aldrich D1033  
 $\alpha$ -MYOGENIN Dako M3559

$\alpha$ -MYOD Dako M3512

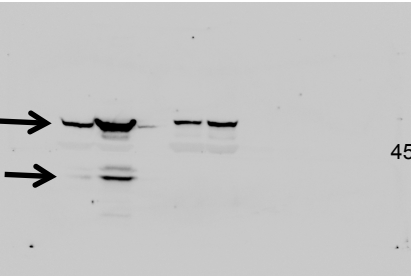
DESMIN- 53 kDa  
MYOGENIN- 35 kDa



45 kDa



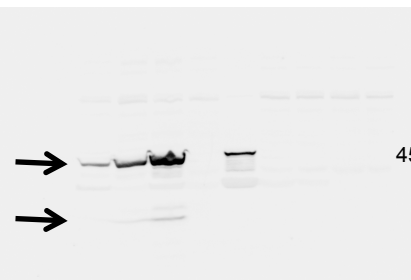
DESMIN- 53 kDa  
MYOGENIN- 35 kDa



45 kDa



DESMIN- 53 kDa  
MYOGENIN- 35 kDa



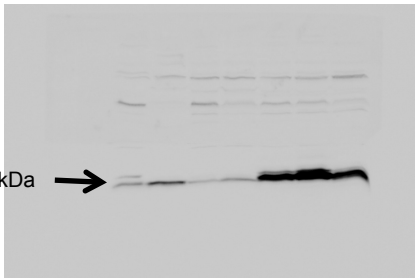
45 kDa



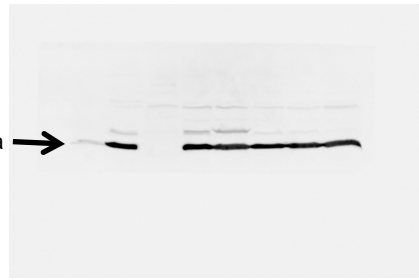
$\alpha$ -H-RAS Santa Cruz Biotechnology sc520

$\alpha$ - $\beta$ -ACTIN Sigma Aldrich A2228

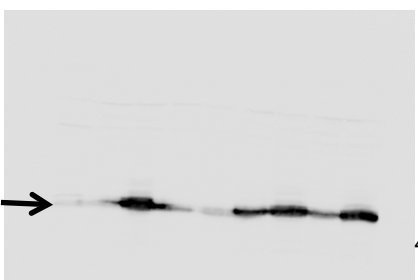
21 kDa



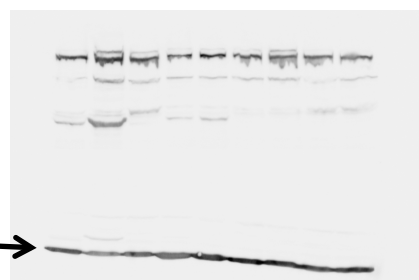
42 kDa



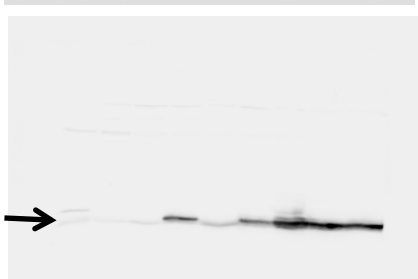
21 kDa



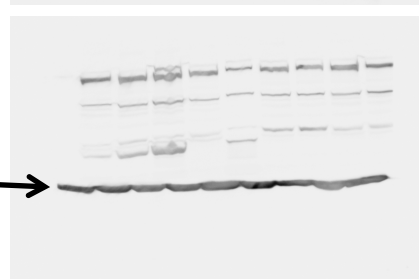
42 kDa



21 kDa

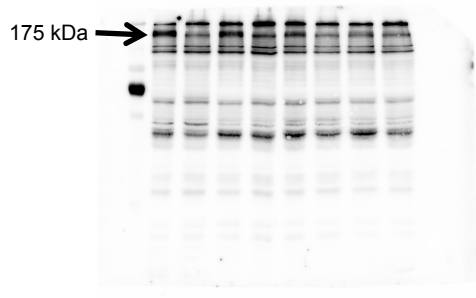


42 kDa

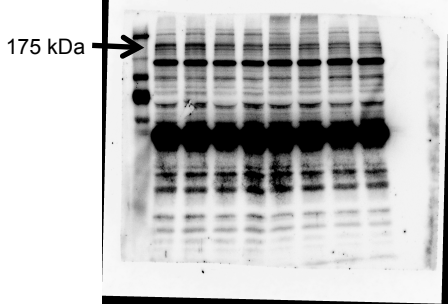


Full unedited gel for Figure 2E

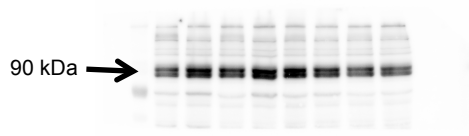
$\alpha$ -phospho-Y1068-EGFR (D7A5)  
Cell Signaling 3777



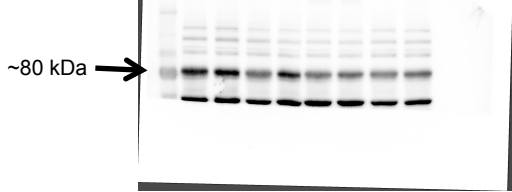
$\alpha$ -Total-EGFR (D38B1)  
Cell Signaling 4267



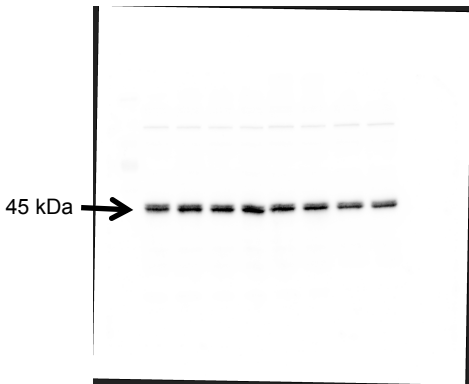
$\alpha$ -BRAF (H-145)  
Santa Cruz Biotechnology, sc-9002



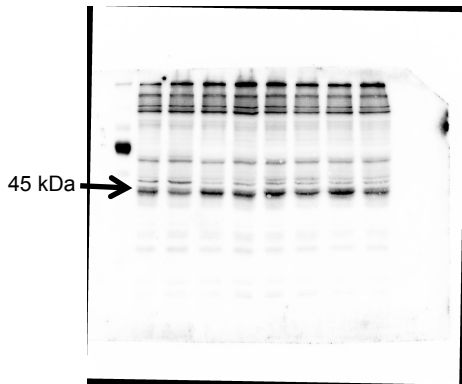
$\alpha$ -CRAF (C-12)  
Santa Cruz Biotechnology, sc-133



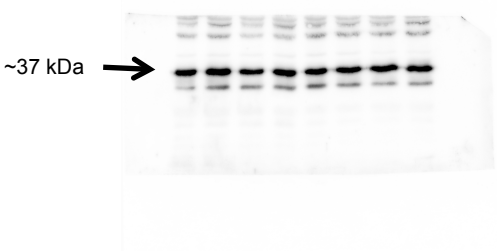
$\alpha$ -Total-MEK 1/2 Cell Signaling 9122



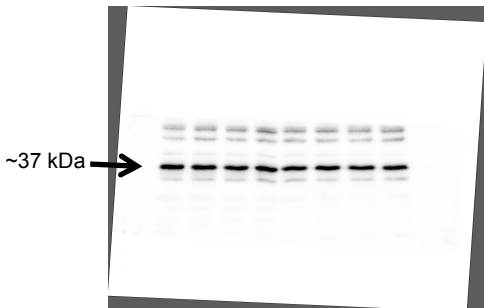
$\alpha$ -Phospho-S217/S221-MEK 1/2 (41G9)  
Cell Signaling 9154



$\alpha$ -GAPDH Abcam, ab9484

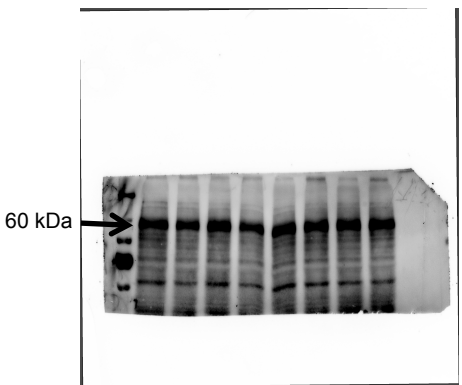


$\alpha$ -GAPDH Abcam, ab9484



Full unedited gel for Figure 2F

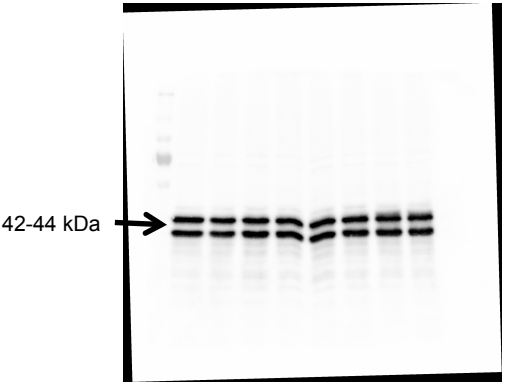
$\alpha$ -Phospho-T308-AKT (C31E5E)  
Cell Signaling 2965



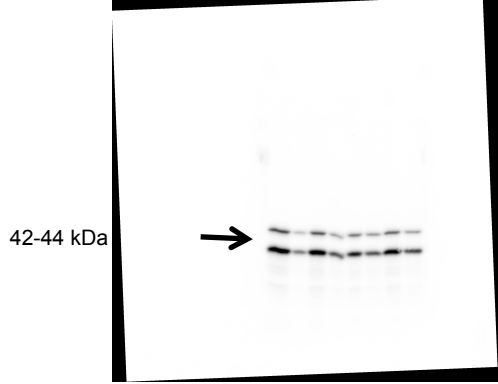
$\alpha$ -Total-AKT Cell Signaling, 9272



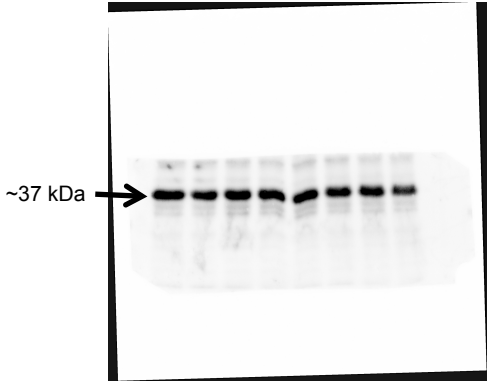
$\alpha$ -Total-ERK (137F5) Cell Signaling 4695S



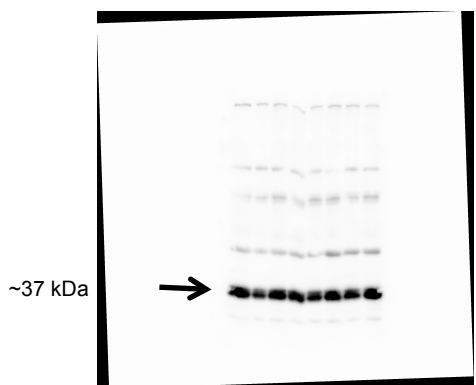
$\alpha$ -Phospho-T202/Y204-ERK Cell Signaling 9101



$\alpha$ -GAPDH Abcam, ab9484



$\alpha$ -GAPDH Abcam, ab9484



# Full unedited gel for Supplemental Figure 6

