

Adenoviral Knockdown Virus Data Sheet

Vector Information

Vector: E1/E3 deleted adenoviral serotype 5 vector
Expression cassette: shRNA under control of human U6 promoter

Target Information

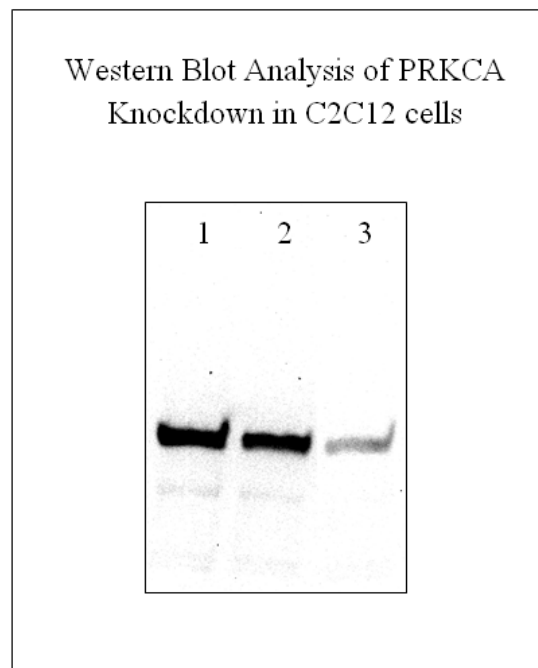
Target Gene: **PRKCA**
Specimen: Mouse
RefSeq#: NM_011101

Validation

Validation Method: Western Blot
Cell line used for validation: C2C12
Total protein prepared: 64 h post transduction
Antibody used for validation: CST antibody #2032
Detection Method: ECL
Quantification Method: Densitometrically
Quantification Software: Quantity One (BioRad)

Results

KD rel. to none transduced cells: 80%
KD rel. to cells transduced with control virus: 80%



Western Blot showing PRKCA expression in extracts prepared from C2C12 cells (lane 1), C2C12 cells transduced with control vector (lane 2) and with the adenoviral vector Ad-sh-PRKCA expressing a shRNA directed against PRKCA mRNA (lane 3).