

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

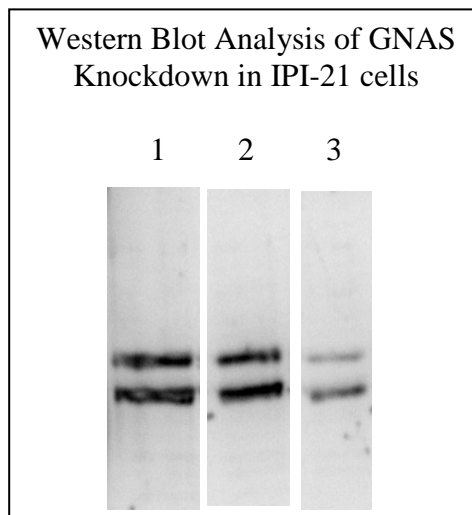
Target Gene: **G protein alpha S (GNAS)**
Specimen: Sus scrofa
RefSeq#: NM_214312

Validation

Validation Method: Western Blot
Cell line used for validation: IPI-21
Total protein prepared: 64 h post transduction
Antibody used for validation: Abcam antibody #AB54490-50
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 GNAS expression in extracts prepared from IPI-21 cells (lane 1), IPI-21 cells transduced with control vector (lane 2) and with the adenoviral vector Ad-shGNAS expressing a shRNA directed against GNAS mRNA (lane 3).