

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

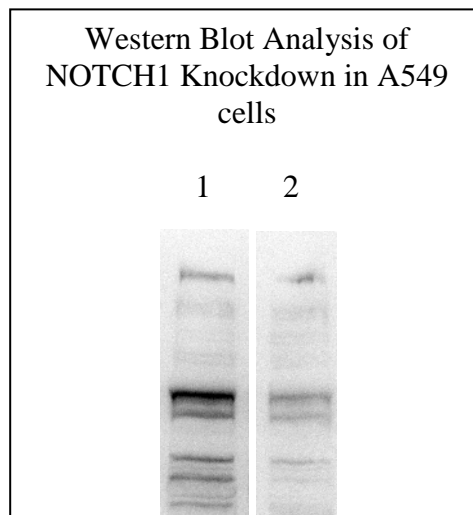
Target Gene: **Notch homolog 1, translocation-associated (Drosophila) (NOTCH1)**
Specimen: Homo sapiens
RefSeq#: NM_017617

Validation

Validation Method: Western Blot
Cell line used for validation: A549
Total protein prepared: 90 h post transduction
Antibody used for validation: CST antibody #2495
Detection Method: ECL
Quantification Method: Densitometrically
Quantification Software: Quantity One (BioRad)

Results

KD rel. to cells transduced with control virus 76%



Western Blot showing Notch1 expression in extracts prepared from A549 cells, A549 cells transduced with control vector (lane 1) and with the adenoviral vector Ad-shNotch1 expressing a shRNA directed against Notch1 mRNA (lane 2).