

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

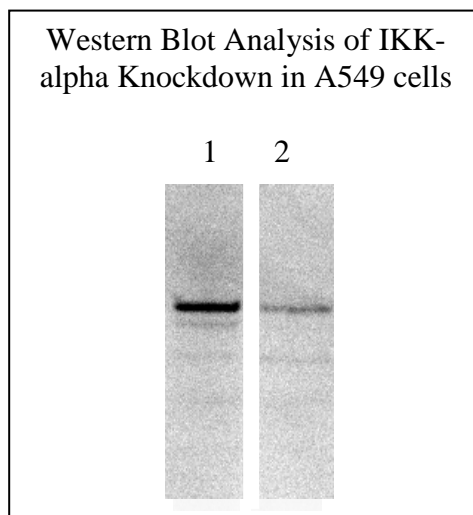
Target Gene: **I-Kappa-B Kinase Alpha (IKK alpha)**
Specimen: Homo sapiens
RefSeq#: NM_001278

Validation

Validation Method: Western Blot
Cell line used for validation: A549
Total protein prepared: 60 h post transduction
Antibody used for validation: CST antibody #2682
Detection Method: ECL
Quantification Method: Densitometrically
Quantification Software: Quantity One (BioRad)

Results

KD rel. to none transduced cells 75%



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