

## 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

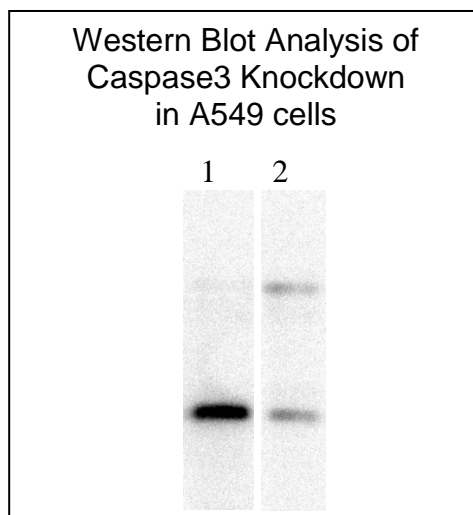
Target Gene: **Caspase3**  
Specimen: Homo sapiens  
RefSeq#: NM\_032991

### Validation

Validation Method: Western Blot  
Cell line used for validation: A549  
Total protein prepared: 60 h post transduction  
Antibody used for validation: CST antibody #9662  
Detection Method: ECL  
Quantification Method: Densitometrically  
Quantification Software: Quantity One (BioRad)

### Results

KD rel. to none transduced cells 70%



Western Blot showing Caspase 3 expression in extracts prepared from A549 cells (lane 1) and with the adenoviral vector Ad-shCaspase3 expressing a shRNA directed against Caspase3 mRNA (lane 3).