

## 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

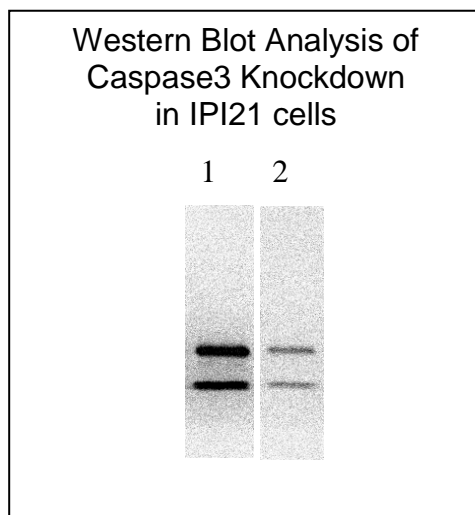
Target Gene: **Caspase3**  
Specimen: Sus scrofa  
RefSeq#: NM\_214131

### Validation

Validation Method: Western Blot  
Cell line used for validation: IPI21  
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 IPI21 cells (lane 1) and with the adenoviral vector Ad-shCaspase3-SS2 expressing a shRNA directed against Caspase3 mRNA (lane 2).