

Knock Down Validation Datasheet for Target Gene: Dicer 1

Experimental procedure:

A549 cells were either non transduced or transduced with control vector Ad-PL or Knock Down vector Ad-sh-Dicer1 at a **Multiplicity Of Infection (MOI)** of 200. Extracts of total cellular protein were prepared 60h post transduction and Dicer 1 expression levels were quantified by Western Blot analysis using an anti Dicer 1 antibody

Adenoviral Vector: Ad-sh-Dicer1

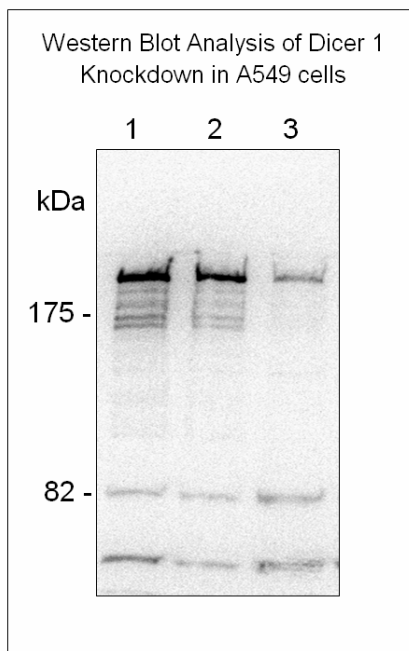


Fig. 1

Western Blot showing Dicer 1 expression in extracts prepared from A549 cells (lane 1), A549 cells transduced with control vector (lane 2) and with the adenoviral vector Ad-sh-Dicer1 expressing a shRNA directed against Dicer 1 mRNA (lane 3).

Product Summary

Target gene	Dicer 1
Species	Human
Ref.Seq Accession #	NM_030621
KD-Vector	Ad-sh-Dicer 1
Cell line used for KD validation	A549
Antibody used for validation	Abcam (ab14601)
KD relative to non transduced cells	85 %
KD relative to cells transduced with control virus	84 %