

Knock Down Validation Datasheet for Target Gene: IKK_{beta}

Experimental procedure:

A549 cells were either non transduced or transduced with control vector Ad-U6 Stop or Knock Down vector Ad-sh-IKK_{beta} at a **Multiplicity Of Transduction (MOI)** of 200. Extracts of total cellular protein were prepared 60h post transduction and IKK_{beta} expression levels were quantified by Western Blot analysis using an anti IKK_{beta} antibody

Adenoviral Vector: Ad-sh-IKK_{beta}

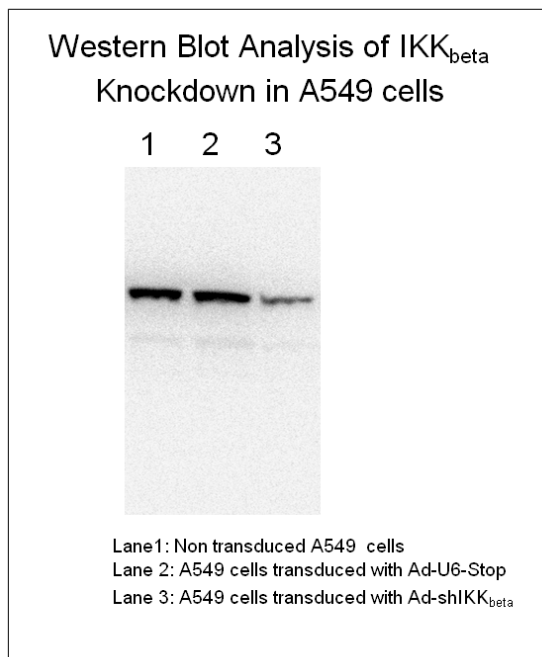


Fig. 1

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

Product Summary

Target gene	IKK _{beta}
Species	Human
Ref.Seq Accession #	NM_001556
KD-Vector	Ad-sh- IKK _{beta}
Cell line used for KD validation	A549
Antibody used for validation	CST antibody #2684
KD relative to non transduced cells	71 %
KD relative to cells transduced with control virus	73 %