

# Deltex-3 (m): 293T Lysate: sc-119739

## BACKGROUND

The Deltex family of proteins (Deltex-1, 2, 3 and 4) are mammalian homologs of *Drosophila* Deltex. This family contains two WWE domains and a C-terminal RING-finger domain, which are regions that are frequently found in E3 ubiquitin ligases. Deltex-3, also known as RNF154 (RING finger protein 154), is a 347 amino acid cytoplasmic protein that acts as both a negative and positive regulator of Notch, depending on the developmental and cell context. Though primarily acting as a homomultimer, Deltex-3 may form a heteromultimer with other Deltex proteins. Like other Deltex family members, Deltex-3 functions as a ubiquitin E3 ligase that shows highest activity in conjunction with the E2 enzyme UBE2D. There are two isoforms of Deltex-3 that are produced as a result of alternative splicing events.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: Dtx3 (mouse) mapping to 10 D3.

## PRODUCT

Deltex-3 (m): 293T Lysate represents a lysate of mouse Deltex-3 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## APPLICATIONS

Deltex-3 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Deltex-3 antibodies. Recommended use: 10-20 µl per lane.

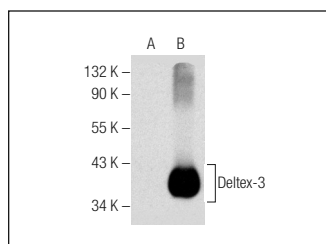
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

Deltex-3 (C-10): sc-376439 is recommended as a positive control antibody for Western Blot analysis of enhanced mouse Deltex-3 expression in Deltex-3 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

## RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:  
 1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

## DATA



Deltex-3 (C-10): sc-376439. Western blot analysis of Deltex-3 expression in non-transfected: sc-117752 (A) and mouse Deltex-3 transfected: sc-119739 (B) 293T whole cell lysates.

## STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.