

# Human ANXA7 Knockdown Cell Line (WB-Validated)



**Catalog #: C69581**

## Aliases

ANXA7; Annexin A7; ANX7; Annexin VII; Annexin-7 ; SNX; SYNEXIN; Synexin

## Background

Gene Name: ANXA7

NCBI Gene Entry: [310](#)

## Storage

Store at liquid nitrogen for 1 year.

## Kit Components

1. Human ANXA7 Knockdown Cell Line (Wb-Validated)
2. Wild-type cell line

## Parental Cell Line

Human cell line supplied by the client

## Validation Methods

RT-qPCR, Western blotting (WB)

## Shipping

Shipped on Dry Ice.

## Instructions For Use

This knockdown cell line should be paired with wild-type cell line for use.

**Note:** This product is for research use only.

## Validation Data

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
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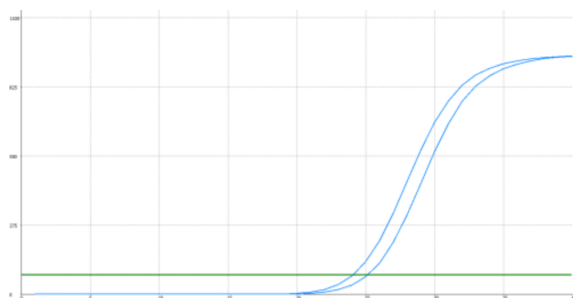
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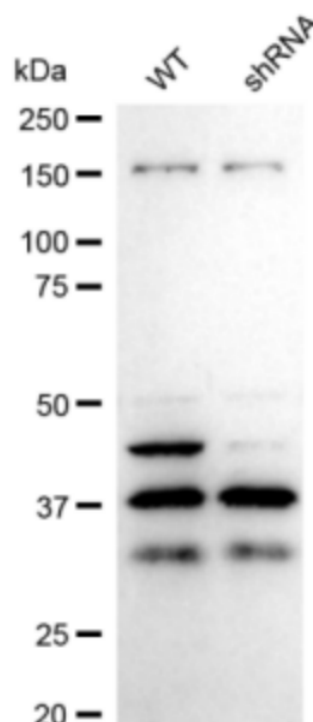
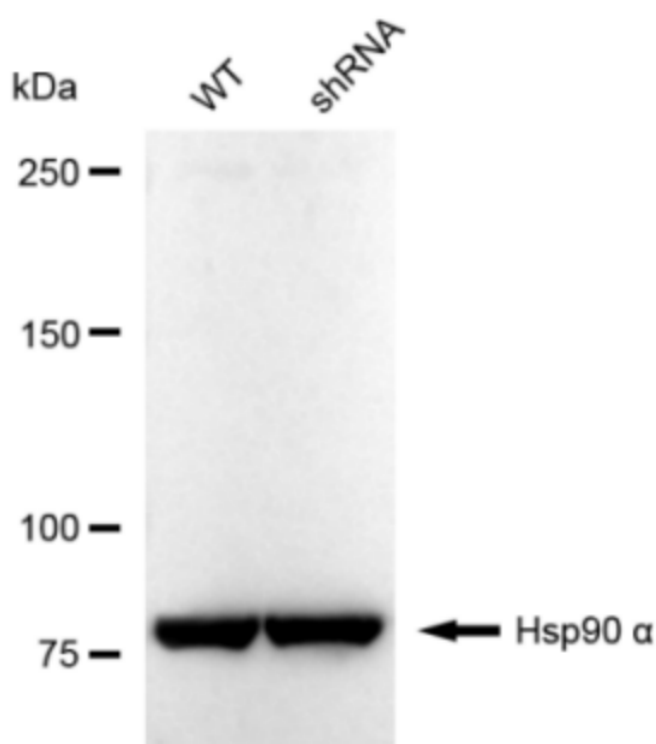
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Genotype	Ct Value
Wild-Type	23.84
Knock-Down	24.92
$\Delta Ct (Ct_{KD} - Ct_{WT})$	1.08
% mRNA Reduction	↓ 54%

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RT-qPCR analysis. HeLa cells were infected with ANXA7-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers.  $\Delta Ct (Ct_{KD} - Ct_{WT})$  was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula:  $(1 - 1/2^{\Delta Ct}) \times 100\%$ .



← Annexin A7

← Hsp90 α

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Western blotting analysis. ANXA7 protein expression in wild-type (WT) and shRNA knockdown (KD) HeLa cells was detected using Western blotting. Hsp90 α served as a loading control. The blots were incubated with primary antibodies (Cat#69581, 1:5,000) against ANXA7 and Hsp90 α, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000). Images were developed using FeQ™ ECL Substrate Kit (Cat#226).

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