

## Product datasheet for **LY300039**

### Annexin VII (ANXA7) Human Knockdown Lysate

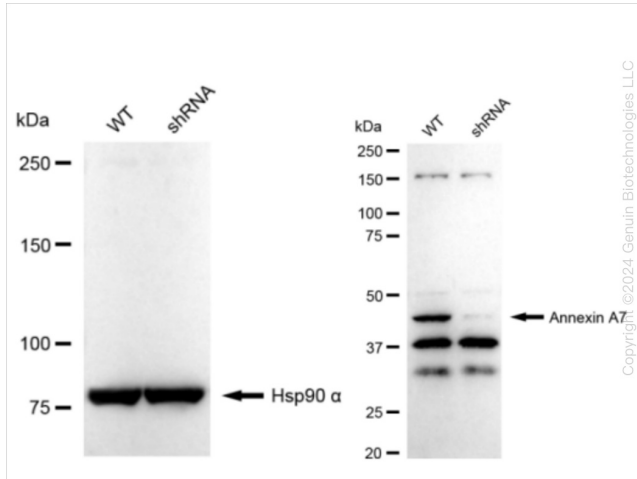
#### Product data:

Product Type:	Knockdown Lysates
Description:	WB-validated ANXA7 Knockdown HeLa Cell Lysate
Species:	Human
Expression Host:	HeLa
Tag:	Tag Free
Synonyms:	ANXA7; Annexin A7; ANX7; Annexin VII; Annexin-7 ; SNX; SYNEXIN; Synexin
Predicted MW:	53 kDa
Components:	1 vial of 100 ug WT HeLa cell lysate 1 vial of 100 ug ANXA7 KD HeLa cell lysate
Storage:	Store at -20 °C for two years.
Concentration:	Lot-specific
Buffer:	IntactProtein Cell-Tissue Lysis buffer
Locus ID:	310
UniProt ID:	<u><a href="#">P20073</a></u>

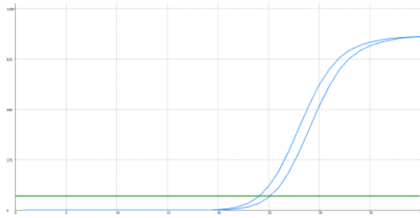


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## Product images:



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 against ANXA7 and Hsp90 α, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed using FeQ™ ECL Substrate Kit.



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:  $(1 - 1/2^{\Delta Ct}) \times 100\%$ .