Human PAWR Knockdown Cell Line (WB-Validated)

Catalog #: C63312

Aliases

PAWR; Pro-Apoptotic WT1 Regulator; Par-4; PAR4; PRKC Apoptosis WT1 Regulator Protein; PRKC, Apoptosis, WT1, Regulator; Prostate Apoptosis Response-4; Prostate Apoptosis Response Protein PAR-4; Prostate Apoptosis Response Protein 4; Prostate Apoptosis Response 4 Protein; Transcriptional Repressor PAR4; WT1-Interacting Protein

Background

Gene Name: PAWR
NCBI Gene Entry: 5074

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human PAWR 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.

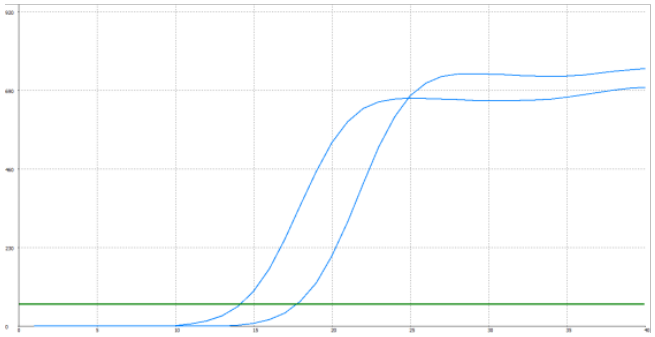
Instructions For Use

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

Note: This product is for research use only.

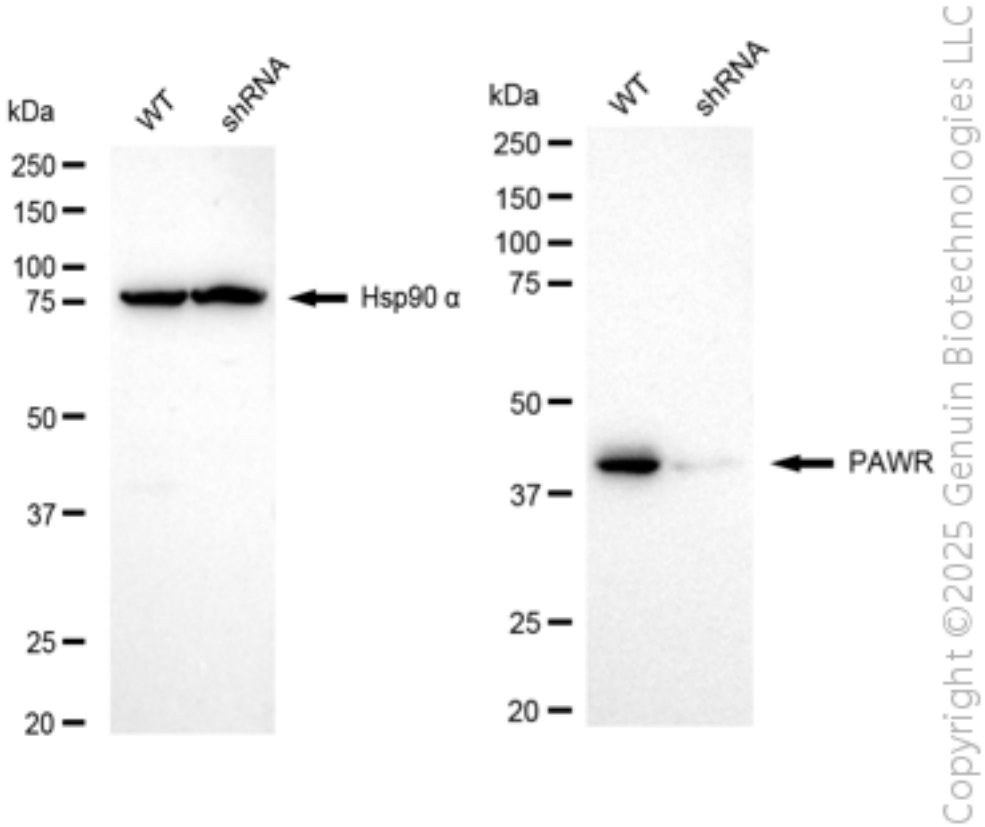
Validation Data

Human PAWR Knockdown Cell Line (WB-Validated)



Genotype	Ct Value
Wild-Type	13.69
Knock-Down	17.44
ΔCt (CtKD-CtWT)	3.75
% mRNA Reduction	93%

RT-qPCR analysis. HeLa cells were infected with PAWR-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers. ΔCt (CtKD-CtWT) was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula: (1-1/2ΔCt) x 100%.



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