Human PRKCSH Knockdown Cell Line (WB-Validated)

Catalog #: C62541

Aliases

PRKCSH; Protein Kinase C Substrate 80K-H; Glucosidase 2 Subunit Beta; VASAP-60; PKCSH; G19P1; GIIB; Protein Kinase C Substrate 60.1 KDa Protein Heavy Chain; Advanced Glycation End-Product Receptor 2; Glucosidase II Subunit Beta; Hepatocystin; GluIIbeta; GIIbeta; AGE-R2; 80K-H; PCLD; PLD1; Protein Kinase C Substrate, 80 Kda Protein; Glucosidase II Beta Subuni; Polycystic Liver Disease; AGE-Binding Receptor 2; 80K-H Protein; PCLD1

Background

Gene Name: PRKCSH
NCBI Gene Entry: 5589

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human PRKCSH 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.

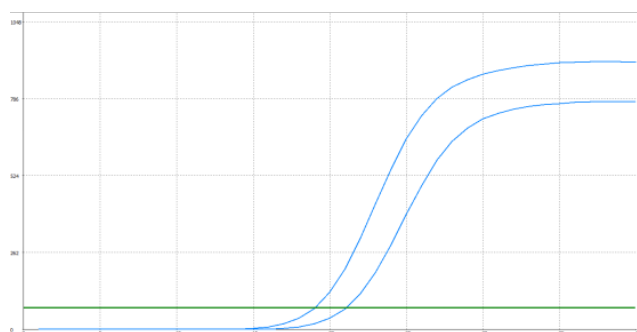**Note:** This product is for research use only.

Validation Data

SUPPORT
SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041
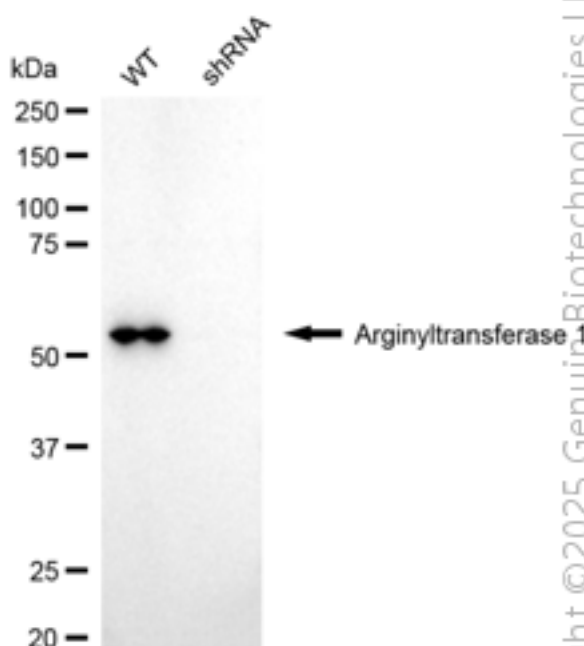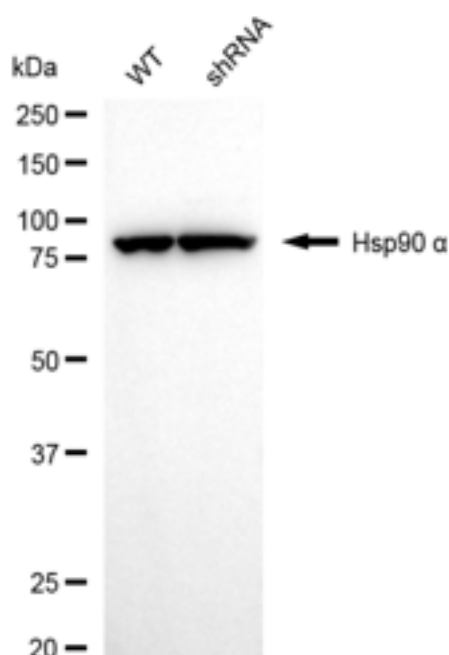
ORDERS
SALES@GENUINBIOTECH.COM
FAX:+1-540-855-7041

WWW.GENUINBIOTECH.COM

Human PRKCSH Knockdown Cell Line (WB-Validated)

Genotype	Ct Value
Wild-Type	18.81
Knock-Down	20.55
ΔCt (CtKD-CtWT)	1.74
% mRNA Reduction	70%

RT-qPCR analysis. HeLa cells were infected with PRKCSH-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: $(1-1/2\Delta Ct) \times 100\%$.

Western blotting analysis. PRKCSH protein expression in wild-type (WT) and shRNA knockdown (KD) HeLa cells was detected using Western blotting. β-Tubulin served as a loading control. The blots were incubated with primary antibodies against PRKCSH and β-Tubulin, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were

---

SUPPORT
SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS
SALES@GENUINBIOTECH.COM
FAX:+1-540-855-7041

WWW.GENUINBIOTECH.COM

Human PRKCSH Knockdown Cell Line (WB-Validated)

developed using FeQ™ ECL Substrate Kit.