

Product datasheet for LY300411

PWP1 Human Knockdown Lysate

Product data:

OriGene Technologies, Inc.

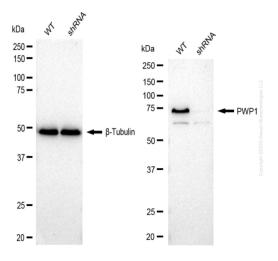
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Product Type:	Knockdown Lysates	
Description:	ion: WB-validated PWP1 Knockdown HeLa Cell Lysate	
Species:	Human	
Expression Host:	HeLa	
Tag:	Tag Free	
Synonyms:	PWP1; PWP1 Homolog, Endonuclein; IEF-SSP-9502; Periodic Tryptophan Protein 1 Homolog; Keratinocyte Protein IEF SSP 9502; Endonuclein; Nuclear Phosphoprotein Similar To S. Cerevisiae PWP1; PWP1 Homolog (S. Cerevisiae); NCLB	
Predicted MW:	56 kDa	
Components:	1 vial of 100 ug WT HeLa cell lysate 1 vial of 100 ug PWP1 KD HeLa cell lysate	
Storage:	Store at -20 °C for two years.	
Concentration:	Lot-specific	
Buffer:	IntactProtein Cell-Tissue Lysis buffer	
Locus ID:	11137	
UniProt ID:	<u>Q13610</u>	
Protein Families:	Transcription Factors	



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Product images:



Western blotting analysis. PWP1 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 PWP1 and β -Tubulin, respectively, followed by incubating with HRPconjugated goat anti-rabbit secondary antibody. Images were developed using FeQTM ECL Substrate Kit.

13	
270	

Genotype	Ct Value
Wild-Type	21.95
Knock-Down	24.79
$\Delta Ct (Ct_{KD}-Ct_{WT})$	2.84
% mRNA Reduction	4 86%

RT-qPCR analysis. HeLa cells were infected with
PWP1-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%.

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