

Product Name: KD-Validated PWP1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01484**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 55.8kDa

Antigen Information

Gene Name	PWP1 PWP1; PWP1 Homolog, Endonuclein; IEF-SSP-9502; Periodic Tryptophan Protein 1 Homolog;
Alternative Names	Keratinocyte Protein IEF SSP 9502; Endonuclein; Nuclear Phosphoprotein Similar To S. Cerevisiae PWP1; PWP1 Homolog (S. Cerevisiae); NCLB
Gene ID	11137.0
SwissProt ID	Q13610
Immunogen	A synthesized peptide derived from human PWP1

Background

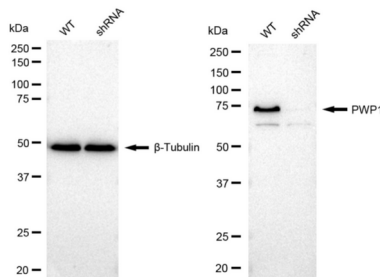
The protein encoded by this gene contains several WD-40 repeats and is found mostly in the nucleus. The expression and localization of this protein are cell cycle dependent. Expression of this gene is upregulated in pancreatic adenocarcinoma. Three

transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]

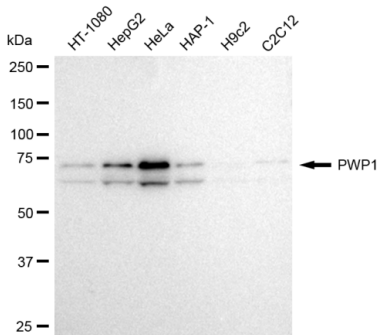
Research Area

Cell Biology

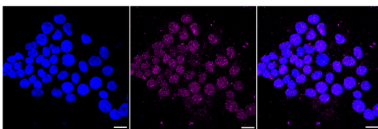
Image Data



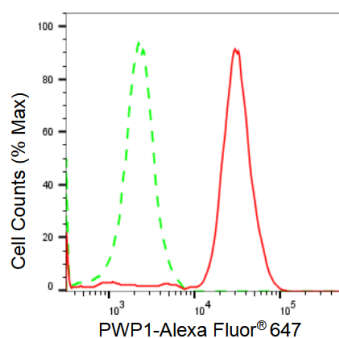
Western blotting analysis using PWP1 antibody (KVA01484). PWP1 expression in wild type (WT) and PWP1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with PWP1 antibody (KVA01484, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using PWP1 antibody (KVA01484). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PWP1 antibody (KVA01484, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with PWP1 antibody (KVA01484, 1:1,000). Nuclei were stained blue with DAPI; PWP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar: 20 µm.



Flow cytometric analysis of PWP1 expression in HeLa cells using PWP1 antibody (KVA01484, 1:2,000). Green, isotype control; red, PWP1.