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PWP1 Rabbit mAb

Catalog # AP75980

Product Information

Application	WB, FC
Primary Accession	Q13610
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	55828

Additional Information

Gene ID	11137
Other Names	PWP1
Dilution	WB~~1:1000-1:5000 FC~~1:100-1:200
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

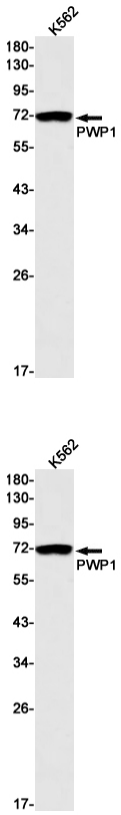
Name	PWP1
Function	Chromatin-associated factor that regulates transcription (PubMed:29065309). Regulates Pol I-mediated rRNA biogenesis and, probably, Pol III-mediated transcription (PubMed:29065309). Regulates the epigenetic status of rDNA (PubMed:29065309).
Cellular Location	Nucleus. Nucleus, nucleolus. Chromosome. Note=Associates with chromatin regions of rDNA.
Tissue Location	High levels seen in the placenta, skeletal muscle, kidney and pancreas while lower levels were seen in the heart, brain and lung

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.

Images



Western blot analysis of PWP1 in K562 lysates using PWP1 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.