

# Anti-PWP1 Rabbit Monoclonal Antibody

Catalog # ABO16507

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                            |
| <b>Primary Accession</b> | <a href="#">Q13610</a>                                                                                        |
| <b>Host</b>              | Rabbit                                                                                                        |
| <b>Isotype</b>           | IgG                                                                                                           |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                             |
| <b>Clonality</b>         | Monoclonal                                                                                                    |
| <b>Format</b>            | Liquid                                                                                                        |
| <b>Description</b>       | Anti-PWP1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 11137                                                                                                                                      |
| <b>Other Names</b>         | Periodic tryptophan protein 1 homolog {ECO:0000312   HGNC:HGNC:17015}, Keratinocyte protein IEF SSP 9502, PWP1                             |
| <b>Calculated MW</b>       | 55828                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000                                                                                                                            |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 30P43                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human PWP1                                                                                              |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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| <b>Name</b>     | PWP1                                                                                                                                                                                                                                                                                                   |
| <b>Function</b> | Chromatin-associated factor that regulates transcription (PubMed: <a href="#">29065309</a> ). Regulates Pol I-mediated rRNA biogenesis and, probably, Pol III-mediated transcription (PubMed: <a href="#">29065309</a> ). Regulates the epigenetic status of rDNA (PubMed: <a href="#">29065309</a> ). |

**Cellular Location**

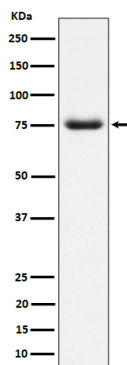
Nucleus. Nucleus, nucleolus. Chromosome. Note=Associates with chromatin regions of rDNA.

**Tissue Location**

High levels seen in the placenta, skeletal muscle, kidney and pancreas while lower levels were seen in the heart, brain and lung

**Images**

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Western blot analysis of PWP1 expression in HepG2 cell lysate.

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