

## PELP1 rabbit pAb

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| <b>Catalog No :</b>          | YN7422   |
| <b>Reactivity :</b>          | Human;Mouse;Rat  |
| <b>Applications :</b>        | WB   |
| <b>Target :</b>              | PELP1  |
| <b>Gene Name :</b>           | PELP1 HMX3 MNAR  |
| <b>Protein Name :</b>        | Proline-, glutamic acid- and leucine-rich protein 1 (Modulator of non-genomic activity of estrogen receptor) (Transcription factor HMX3) |
| <b>Human Gene Id :</b>       | 27043  |
| <b>Human Swiss Prot No :</b> | Q8IZL8   |
| <b>Mouse Gene Id :</b>       | 75273  |
| <b>Mouse Swiss Prot No :</b> | Q9DBD5   |
| <b>Rat Gene Id :</b>         | 360552   |
| <b>Rat Swiss Prot No :</b>   | Q56B11   |
| <b>Immunogen :</b>           | Synthesized peptide derived from human PELP1   |
| <b>Specificity :</b>         | This antibody detects endogenous levels of PELP1 at Human, Mouse,Rat   |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG   |
| <b>Dilution :</b>            | WB 1:500-2000  |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                    |

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| <b>Concentration :</b>        | 1 mg/ml  |
| <b>Storage Stability :</b>    | -15°C to -25°C/1 year(Do not lower than -25°C)   |
| <b>Molecularweight :</b>      | 124kD  |
| <b>Function :</b>             | <p>Coactivator of estrogen receptor-mediated transcription and a corepressor of other nuclear hormone receptors and sequence-specific transcription factors . Plays a role in estrogen receptor (ER) genomic activity when present in the nuclear compartment by activating the ER target genes in a hormonal stimulation dependent manner. Can facilitate ER non-genomic signaling via SRC and PI3K interaction in the cytosol. Plays a role in E2-mediated cell cycle progression by interacting with RB1. May have important functional implications in ER/growth factor cross-talk. Interacts with several growth factor signaling components including EGFR and HRS. Functions as the key stabilizing component of the Five Friends of Methylated CHTOP (5FMC) complex; the 5FMC complex is recruited to ZNF148 by methylated CHTOP, leading to desumoylation of ZNF148 and subsequent transactivation of ZNF148 target genes. Co</p> |
| <b>Subcellular Location :</b> | <p>Nucleus, nucleolus . Nucleus, nucleoplasm . Nucleus . Cytoplasm . Mainly found in the nucleoplasm, with low levels detected in the cytoplasm (By similarity). Also found associated with the plasma membrane. Mainly in cytoplasm in a subset of breast tumors. Localization is widely deregulated in endometrial cancers with predominantly cytoplasm localization in high-grade endometrial tumors (PubMed:16140940). .</p>   |
| <b>Expression :</b>           | Widely expressed.  |

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