



# PEO1 rabbit pAb

|                    |                                                                                                                                                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-25720                                                                                                                                                                                                                                                  |
| Isotype            | IgG                                                                                                                                                                                                                                                         |
| Reactivity         | Human;Mouse                                                                                                                                                                                                                                                 |
| Applications       | WB                                                                                                                                                                                                                                                          |
| Gene Name          | PEO1 C10orf2                                                                                                                                                                                                                                                |
| Protein Name       | Twinkle protein, mitochondrial (EC 3.6.4.12) (Progressive external ophthalmoplegia 1 protein) (T7 gp4-like protein with intramitochondrial nucleoid localization) (T7-like mitochondrial DNA helicase)                                                      |
| Immunogen          | Synthesized peptide derived from human PEO1 AA range: 173-223                                                                                                                                                                                               |
| Specificity        | This antibody detects endogenous levels of human PEO1                                                                                                                                                                                                       |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                     |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                      |
| Purification       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                   |
| Dilution           | WB 1:1000-2000                                                                                                                                                                                                                                              |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                     |
| Purity             | ≥90%                                                                                                                                                                                                                                                        |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                |
| Synonyms           |                                                                                                                                                                                                                                                             |
| Observed Band      |                                                                                                                                                                                                                                                             |
| Cell Pathway       | Mitochondrion matrix, mitochondrion nucleoid . Colocalizes with mtDNA in mitochondrial nucleoids, a nucleoproteins complex consisting of a number of copies of proteins associated with mtDNA, probably involved in mtDNA maintenance and expression. .     |
| Tissue Specificity | High relative levels in skeletal muscle, testis and pancreas. Lower levels of expression in the heart, brain, placenta, lung, liver, kidney, spleen, thymus, prostate, ovary, small intestine, colon and leukocytes. Expression is coregulated with MRPL43. |
| Function           |                                                                                                                                                                                                                                                             |
| Background         |                                                                                                                                                                                                                                                             |

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|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| matters needing attention | Avoid repeated freezing and thawing!                                                                                              |
| Usage suggestions         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

Products Images

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