

## PEO1 Rabbit pAb

CatalogNo: YN4700

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 75kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:1000-2000

### | Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human PEO1 AA range: 173-223

**Specificity** This antibody detects endogenous levels of human PEO1

### | Target Information

**Gene name** PEO1 C10orf2

<b>Protein Name</b>	Twinkle protein, mitochondrial (Progressive external ophthalmoplegia 1 protein) (T7 gp4-like protein with intramitochondrial nucleoid localization) (T7-like mitochondrial DNA helicase)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">56652</a> ;	<a href="#">Q96RR1</a> ;
	Mouse	<a href="#">226153</a> ;	<a href="#">Q8CIW5</a> ;
<b>Cellular Localization</b>	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. .		
<b>Tissue specificity</b>	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.		

| Validation Data

| Contact information

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