

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

Protein Name	Twinkle protein, mitochondrial (Progressive external ophthalmoplegia 1 protein) (T7 gp4-like protein with intramitochondrial nucleoid localization) (T7-like mitochondrial DNA helicase)		
	Organism	Gene ID	UniProt ID
	Human	56652 ;	Q96RR1 ;
	Mouse	226153 ;	Q8CIW5 ;
Cellular Localization	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.		

| Validation Data

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: http://www.immunoway.com
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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