

## PAR10 Rabbit pAb

CatalogNo: YN2135

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 112kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

### 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 part region of human protein AA range: 20-70

**Specificity** PAR10 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** PARP10

<b>Protein Name</b>	Poly [ADP-ribose] polymerase 10 (PARP-10) (ADP-ribosyltransferase diphtheria toxin-like 10) (ARTD10)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">84875</a> ;	<a href="#">Q53GL7</a> ;
<b>Cellular Localization</b>	Nucleus, nucleolus . Cytoplasm . Shuttles between the nuclear and cytoplasmic compartment (PubMed:15674325). A subpopulation concentrates in the nucleolus during late G1/S phase (PubMed:15674325). .		
<b>Tissue specificity</b>	Highly expressed in spleen and thymus (PubMed:15674325). Intermediate levels in liver, kidney, pancreas, prostate, testis, ovary, intestine, and leukocytes (PubMed:15674325). Low expression in heart, brain, placenta, lung, skeletal muscle, and colon (PubMed:15674325).		
<b>Function</b>	Catalytic activity:NAD(+) + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)(n+1)-acceptor.,Function:May play a role in cell proliferation. May be required for the maintenance of cell cycle progression.,PTM:Stimulated through its phosphorylation by CDK2. Acquires CDK-dependent phosphorylation through late-G1 to S phase, and from prometaphase to cytokinesis in the nucleolar organizing regions. Phosphorylation is suppressed in growth-arrested cells.,similarity:Contains 1 PARP catalytic domain.,subcellular location:Shuttles between the nuclear and cytoplasmic compartment. A subpopulation concentrates in the nucleolus during late G1/S phase.,subunit:Interacts with MYC.,tissue specificity:Highly expressed in spleen and thymus. Intermediate levels in liver, kidney, pancreas, prostate, testis, ovary, intestine, and leukocytes. Low expression in heart, brain, placenta, lung, skeletal muscle, and colon.,		

## | Validation Data

## | Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
 Support: [tech@immunoway.com](mailto: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



Please scan the QR code to access additional product information:  
**PAR10 Rabbit pAb**

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