

## PRELID1 Rabbit pAb

CatalogNo: YN6862

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 24kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | 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 PRELID1

#### Specificity

This antibody detects endogenous levels of PRELID1 at Human, Mouse

### | Target Information

#### Gene name

PRELID1 PRELI CGI-106 SBBI12

<b>Protein Name</b>	PRELI domain-containing protein 1, mitochondrial (25 kDa protein of relevant evolutionary and lymphoid interest) (Px19-like protein)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">27166;</a>	<a href="#">Q9Y255;</a>
	Mouse	<a href="#">100046650;</a>	<a href="#">Q8R107;</a>
<b>Cellular Localization</b>	Mitochondrion. Mitochondrion intermembrane space .		
<b>Tissue specificity</b>	Highly expressed in fetal liver; less expressed in fetal brain, lung, and kidney. At the adult stage, expression is drastically reduced in the liver but highly expressed in the spleen, brain, lung, lymph nodes and peripheral blood leukocytes.		
<b>Function</b>	Involved in the modulation of the mitochondrial apoptotic pathway by ensuring the accumulation of cardiolipin (CL) in mitochondrial membranes. In vitro, the TRIAP1:PRELID1 complex mediates the transfer of phosphatidic acid (PA) between liposomes and probably functions as a PA transporter across the mitochondrion intermembrane space to provide PA for CL synthesis in the inner membrane. Regulates the mitochondrial apoptotic pathway in primary Th cells. Regulates Th cell differentiation by down-regulating STAT6 thereby reducing IL-4-induced Th2 cell number. May be important for the development of vital and immunocompetent organs.		

## | 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



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**PRELID1 Rabbit pAb**

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