

## SPN90 Rabbit pAb

CatalogNo: YN1297

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse

**Applications**

- WB, ELISA

**MW**

- 79kD (Observed)

**Isotype**

- IgG

### 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.

### Recommended Dilution Ratios

**WB 1:500-2000****ELISA 1:5000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from part region of human protein**Specificity** SPN90 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** NCKIPSD AF3P21 SPIN90

**Protein Name** NCK-interacting protein with SH3 domain (54 kDa VacA-interacting protein) (54 kDa vimentin-interacting protein) (VIP54) (90 kDa SH3 protein interacting with Nck) (AF3p21) (Dia-interacting protein 1) (DIP-1) (Diaphanous protein-interacting protein) (SH3 adapter protein SPIN90) (WASP-interacting SH3-domain protein) (WISH) (Wiskott-Aldrich syndrome protein-interacting protein)

Organism	Gene ID	UniProt ID
Human	<a href="#">51517</a> ;	<a href="#">Q9NZQ3</a> ;
Mouse		<a href="#">Q9ESJ4</a> ;

**Cellular Localization** Nucleus. Colocalizes with DRF1 at membrane ruffles, and with Nck at Z-disks in mature cardiac myocytes.

**Tissue specificity** Highest expression in heart, brain, skeletal muscle, kidney and liver. Lower levels in placenta, lung, small intestine and leukocytes. Weak expression in colon, thymus and spleen.

**Function** Disease:A chromosomal aberration involving NCKIPSD/AF3p21 is found in therapy-related leukemia. Translocation t(3;11)(p21;q23) with MLL.,Function:Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo (By similarity). In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42 (By similarity). May play an important role in the maintenance of sarcomeres and/or in the assembly of myofibrils into sarcomeres. Implicated in regulation of actin polymerization and cell adhesion.,similarity:Contains 1 SH3 domain.,subcellular location:Colocalizes with DRF1 at membrane ruffles, and with Nck at Z-disks in mature cardiac myocytes.,subunit:Associates with the intermediate filaments, vimentin and desmin. Binds the first and third SH3 domains of NCK. Binds the proline-rich domains of N-WASP through its SH3 domain (By similarity). Similarly, binds diaphanous protein homolog 1 (DRF1). Binds the SH3 domains of GRB2 through its proline-rich domains.,tissue specificity:Highest expression in heart, brain, skeletal muscle, kidney and liver. Lower levels in placenta, lung, small intestine and leukocytes. Weak expression in colon, thymus and spleen.,

## 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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