

# Talin (Phospho Ser425) Rabbit pAb

CatalogNo: YP1523

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB

### MW

- 269kD (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 1:1000-2000**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized phospho peptide around human Talin (Ser425)

**Specificity** This antibody detects endogenous levels of Human Mouse Rat Talin (phospho-Ser425). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): SVSPK

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## | Target Information

**Gene name** TLN1 KIAA1027 TLN

**Protein Name** Talin (Ser425)

Organism	Gene ID	UniProt ID
Human	<a href="#">7094</a> ;	<a href="#">Q9Y490</a> ;
Mouse	<a href="#">21894</a> ;	<a href="#">P26039</a> ;

**Cellular Localization** Cell projection, ruffle membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytoskeleton . Cell surface . Cell junction, focal adhesion . Colocalizes with LAYN at the membrane ruffles. Localized preferentially in focal adhesions than fibrillar adhesions (By similarity). .

**Tissue specificity** Aorta,Brain,Embryonic carcinoma,Platelet,

**Function** Function:Probably involved in connections of major cytoskeletal structures to the plasma membrane. High molecular weight cytoskeletal protein concentrated at regions of cell-substratum contact and, in lymphocytes, at cell-cell contacts.,similarity:Contains 1 FERM domain.,similarity:Contains 1 I/LWEQ domain.,subcellular location:Colocalizes with LAYN at the membrane ruffles.,subunit:Binds with high affinity to vinculin and with low affinity to integrins. Interacts with PIP5K1C and NRAP. Interacts with LAYN. Interacts with SYNM.,

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## | 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:  
**Talin (Phospho Ser425) Rabbit pAb**

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