

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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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

| Target Information

Gene name TLN1 KIAA1027 TLN

Protein Name Talin (Ser425)

Organism	Gene ID	UniProt ID
Human	7094;	Q9Y490;
Mouse	21894;	P26039;

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. ,

| Validation Data

| Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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Talin (Phospho Ser425) Rabbit pAb

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