

## 14-3-3 (pan) Rabbit pAb

CatalogNo: YT7827

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB, ELISA

**MW**

- 27kD (Calculated)
- 30kD (Observed)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:1000-2000****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 human 14-3-3-pan

**Specificity**

This antibody detects endogenous levels of Human, Mouse, Rat 14-3-3-pan

### Target Information

**Gene name**

YWHAB

**Protein Name**

14-3-3-pan

**Organism****Gene ID****UniProt ID**

Human

[7529](#);[P31946](#); [P61981](#); [P27348](#); [P63104](#); [P31947](#);

Mouse

[54401](#);[Q9CQV8](#);

Rat

[56011](#);[P35213](#);**Cellular  
Localization**

Cytoplasm . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.; Vacuole membrane . (Microbial infection) Upon infection with Chlamydia trachomatis, this protein is associated with the pathogen-containing vacuole membrane where it colocalizes with IncG. .

**Function**

Function:Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathway. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis.,PTM:Isoform Short contains a N-acetylmethionine at position 1.,PTM:The alpha, brain-specific form differs from the beta form in being phosphorylated.,similarity:Belongs to the 14-3-3 family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Homodimer. Interacts with SSH1 and TORC2/CRTC2. Interacts with ABL1; the interaction results in cytoplasmic location of ABL1 and inhibition of cABL-mediated apoptosis. Interacts with ROR2 (dimer); the interaction results in phosphorylation of YWHAB on tyrosine residues.,

## | Validation Data

## | Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto: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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pAb**

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