

## Caveolin 2 (Phospho Ser23) Rabbit pAb

CatalogNo: YP1843

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- IHC, WB

#### MW

- 26kD (Observed)

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

**IHC 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human Caveolin 2 (Phospho Ser23)

**Specificity** This antibody detects endogenous levels of Caveolin 2 (Phospho Ser23) Rabbit pAb at Human, Mouse, Rat

### Target Information

**Gene name** CAV2

**Protein Name**

Caveolin-2

Organism	Gene ID	UniProt ID
Human	<a href="#">858;</a>	<a href="#">P51636;</a>
Mouse	<a href="#">12390;</a>	<a href="#">Q9WVC3;</a>
Rat	<a href="#">363425;</a>	<a href="#">Q2IBC5;</a>

**Cellular Localization**

Nucleus. Cytoplasm. Golgi apparatus membrane; Peripheral membrane protein. Cell membrane; Peripheral membrane protein. Membrane, caveola; Peripheral membrane protein. Potential hairpin-like structure in the membrane. Membrane protein of caveolae. Tyr-19-phosphorylated form is enriched at sites of cell-cell contact and is translocated to the nucleus in complex with MAPK1 in response to insulin (By similarity). Tyr-27-phosphorylated form is located both in the cytoplasm and plasma membrane. CAV1-mediated Ser-23-phosphorylated form locates to the plasma membrane. Ser-36-phosphorylated form resides in intracellular compartments. .

**Tissue specificity**

Expressed in endothelial cells, smooth muscle cells, skeletal myoblasts and fibroblasts.

**Function**

Function:May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity.,Function:May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. Caveolin-2 may function as an accessory protein in conjunction with caveolin-1.,online information:Caveolin entry,similarity:Belongs to the caveolin family.,subcellular location:Potential hairpin-like structure in the membrane. Membrane protein of caveolae.,subunit:Homodimer. Caveolin-1 and -2 colocalize and form a stable hetero-oligomeric complex.,tissue specificity:Expressed in endothelial cells, smooth muscle cells, skeletal myoblasts and fibroblasts.,

## | 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:  
**Caveolin 2 (Phospho Ser23) Rabbit pAb**