

## TAZ (Phospho Ser89) Rabbit pAb

CatalogNo: YP1526

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 44kD (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 TAZ (Ser89)

**Specificity** This antibody detects endogenous levels of Human Mouse Rat TAZ (phospho-Ser89)

### Target Information

**Gene name** WWTR1 TAZ

**Protein Name** WW domain-containing transcription regulator protein 1

| Organism | Gene ID                 | UniProt ID               |
|----------|-------------------------|--------------------------|
| Human    | <a href="#">25937</a> ; | <a href="#">Q9GZV5</a> ; |
| Mouse    | <a href="#">97064</a> ; | <a href="#">Q9EPK5</a> ; |

**Cellular Localization**

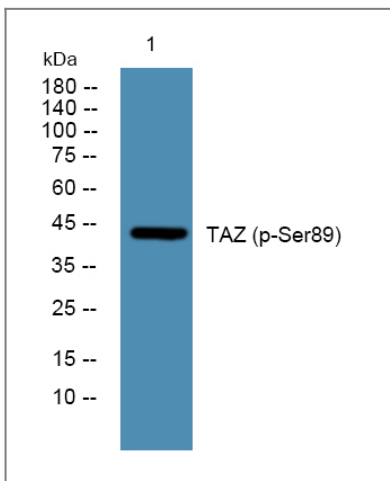
Nucleus . Cytoplasm . Cell membrane . Concentrates along specific portions of the plasma membrane, and accumulates in punctate nuclear bodies (By similarity). When phosphorylated, is retained in the cytoplasm by YWHAZ (By similarity). Can be retained in the nucleus by MED15 (PubMed:18568018). Localized in the cytoplasm in areas of epithelial cell high density (PubMed:21145499). At blastocyst stage expressed in the nucleus in trophoctodermal cells, however expressed in the cytoplasm in the inner cell mass (By similarity). .

**Tissue specificity** Highly expressed in kidney, heart, placenta and lung. Expressed in the thyroid tissue.

**Function**

Domain: Binds to transcription factors via its WW domain., Domain: The PDZ-binding motif is essential for stimulated gene transcription. It localizes the protein into both punctate nuclear foci and plasma membrane-associated complexes., Function: Functions as a transcriptional coactivator., PTM: Phosphorylated. Phosphorylation results in the inhibition of transcriptional coactivation through YWHAZ-mediated nuclear export., similarity: Contains 1 WW domain., subcellular location: Concentrates along specific portions of the plasma membrane, and accumulates in punctate nuclear bodies. When phosphorylated, is retained in cytoplasm by YWHAZ., subunit: Binds to SLC9A3R2 via the PDZ motif at the plasma membrane. Binds to YWHAZ in vivo and in vitro through the phosphoserine-binding motif RSHSSP., tissue specificity: Highly expressed in kidney, heart, placenta and lung.,

## Validation Data



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°C over night

## Contact information

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**TAZ (Phospho  
Ser89) Rabbit pAb**

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