

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	25937 ;	Q9GZV5 ;
Mouse	97064 ;	Q9EPK5 ;

Cellular Localization

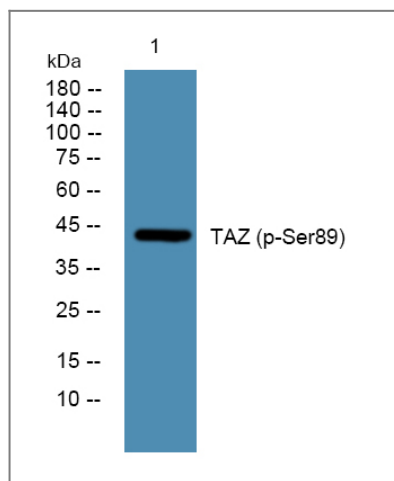
Nucleus . Cytoplasm . Cell membrane . Concentrates along specific portions of the plasma membrane , and accumulates in punctate nuclear bodies (By similarity) . When phosphorylated , is retained in the cytoplasm by YWHAZ (By similarity) . Can be retained in the nucleus by MED15 (PubMed:18568018) . Localized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