

Product Information

Anti-TAZ

produced in rabbit, affinity isolated antibody

Catalog Number **T4077**

Product Description

Anti-TAZ is produced in rabbit using as immunogen a synthetic peptide corresponding to residues 386-400 [VESALNKSEPFLTWL] of human WWTR1 (GeneID 25937). The antibody is affinity-purified.

Anti-TAZ recognizes human TAZ. Applications include the detection of TAZ by immunoblotting (~49 kDa) and immunohistochemistry.

A novel transcriptional co-activator, TAZ (transcriptional co-activator with PDZ-binding motif) functions as a 14-3-3-binding molecule. Highly conserved and ubiquitously expressed 14-3-3 proteins regulate differentiation, cell cycle progression and apoptosis by binding intracellular phosphoproteins involved in signal transduction. TAZ may link events at the plasma membrane and cytoskeleton to nuclear transcription in a manner that can be regulated by 14-3-3.

Reagent

Supplied as a solution in phosphate buffered saline, containing 0.02% sodium azide.

Antibody concentration: ~1.0 mg/mL

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to three months. For extended storage, freeze in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended.

Product Profile

Immunoblotting: a working dilution of 1:500-1:1,000 is recommended.

Immunohistochemistry: an optimal working antibody dilution should be determined.

Note: In order to obtain the best results using various techniques and preparations, we recommend determining the optimal working dilutions by titration.

References

1. Kanai, F., et al., *EMBO J.* **19(24)**: 6778-6791 (2000).

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