

Thioredoxin Interacting Protein Rabbit mAb
Catalog # AP76980**Specification****Thioredoxin Interacting Protein Rabbit mAb - Product Information**

Application	WB, IHC-P, FC, ICC
Primary Accession	Q9H3M7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	43661

Thioredoxin Interacting Protein Rabbit mAb - Additional Information**Gene ID** 10628**Other Names**

TXNIP

Format

Liquid

Thioredoxin Interacting Protein Rabbit mAb - Protein Information**Name** TXNIP**Synonyms** VDUP1**Function**

May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability (PubMed: [17603038](http://www.uniprot.org/citations/17603038)). Interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm (By similarity). Functions as a transcriptional repressor, possibly by acting as a bridge molecule between transcription factors and corepressor complexes, and over-expression will induce G0/G1 cell cycle arrest (PubMed: [12821938](http://www.uniprot.org/citations/12821938)). Required for the maturation of natural killer cells (By similarity). Acts as a suppressor of tumor cell growth (PubMed: [18541147](http://www.uniprot.org/citations/18541147)). Inhibits the proteasomal degradation of DDIT4, and thereby contributes to the inhibition of the mammalian target of rapamycin complex 1 (mTORC1) (PubMed: [21460850](http://www.uniprot.org/citations/21460850)).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8BG60}.

Thioredoxin Interacting Protein Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Thioredoxin Interacting Protein Rabbit mAb - Images