



TXNIP mouse mAb

Catalog No	YP-mAb-17277
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TXNIP VDUP1
Immunogen	Synthesized peptide derived from human N-terminal TXNIP
Specificity	This antibody detects endogenous levels of TXNIP at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Thioredoxin binding protein 2;thioredoxin interacting protein;Thioredoxin-binding protein 2;Thioredoxin-interacting protein;VDUP1;TXNIP;TXNIP VDUP1; Thioredoxin-interacting protein (Thioredoxin-binding protein 2) (Vitamin D3 up-regulated protein 1)
Observed Band	44-55 kDa
Calculated Molecular Weight	391 aa, 44 kDa
Cell Pathway	Cytoplasm .
Tissue Specificity	
Function	May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability. Interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. 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. Required for the maturation of natural killer cells. Acts as a suppressor of tumor cell growth. Inhibits the proteasomal degradation of DDIT4, and thereby contributes to the inhibition of the mammalian target of rapamycin complex 1 (mTORC1).



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images