

## TXNIP Antibody(N-term)

Catalog_no :	AB1982
Applications :	WB, FC
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:1-30
Specificity :	This TXNIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TXNIP.
Dilution :	WB,1:1000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Thioredoxin-interacting protein, Thioredoxin-binding protein 2, Vitamin D3 up-regulated protein 1, TXNIP, VDUP1
Isotype :	Rabbit Ig
Background :	TXNIP 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.
reference :	Zhuo de, X., et al. J. Biol. Chem. 285(41):31491-31501(2010) Kwon, H.J., et al. J. Immunol. 185(7):3980-3989(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Yu, F.X., et al. J. Biol. Chem. 285(33):25822-25830(2010) Cadenas, C., et al.