

## TXNIP antibody

### Product Information

Catalog No.:	FNab09129
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

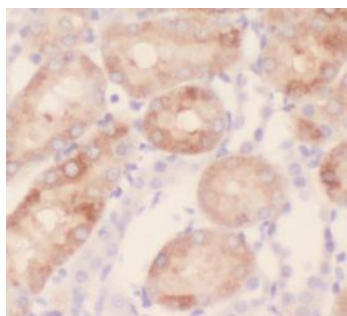
May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability. Interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. Functions as a transcriptional 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).

### Immunogen information

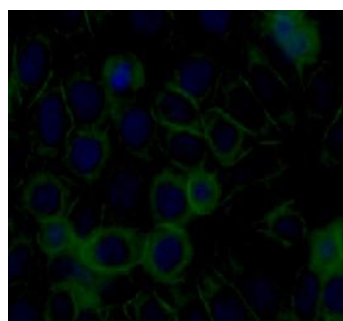
Immunogen:	thioredoxin interacting protein
Synonyms:	Thioredoxin-interacting protein Thioredoxin-binding protein 2 Vitamin D3 up-regulated protein 1 TXNIP VDUP1
Observed MW:	50 kDa
Uniprot ID :	Q9H3M7

### Application

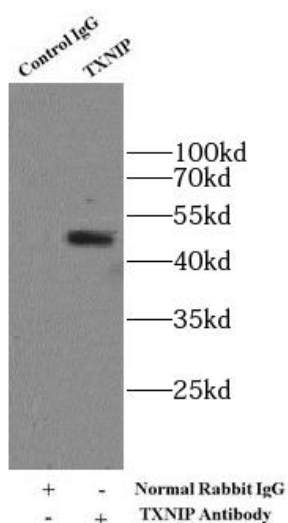
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, WB, IF
Recommended dilution:	WB: 1:200-1:2000; IP: 1:200-1:2000; IHC: 1:50-1:500; IF: 1:10-1:100
Image:	



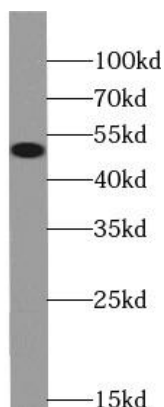
Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab09129(TXNIP Antibody) at dilution of 1:200



Immunofluorescent analysis of HeLa cells using FNab09129 (TXNIP antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



IP Result of anti-TXNIP (IP: FNab09129, 4ug; Detection: FNab09129 1:500) with K-562 cells lysate 4000ug.



K-562 cells were subjected to SDS PAGE followed by western blot with FNab09129(TXNIP Antibody) at dilution of 1:600