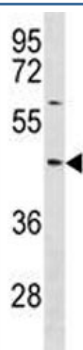


## TXNIP Antibody (F47608)

Catalog No.	Formulation	Size
F47608-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47608-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9H3M7
<b>Applications</b>	Western blot : 1:1000
<b>Limitations</b>	This TXNIP antibody is available for research use only.



TXNIP antibody western blot analysis in NCI-H292 lysate.

## Description

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. [UniProt]

## Application Notes

Titration of the TXNIP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this TXNIP antibody.

## Storage

Aliquot the TXNIP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.