

Datasheet for ABIN7177898

anti-TXNIP antibody (AA 1-397) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TXNIP
Binding Specificity:	AA 1-397
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNIP antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Mouse Thioredoxin-interacting protein (1-397AA)
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	TXNIP
Alternative Name:	Txnip (TXNIP Products)
Background:	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

Target Details

CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. Inhibits the proteasomal degradation of DDIT4, and thereby contributes to the inhibition of the mammalian target of rapamycin complex 1 (mTORC1). 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.

Aliases: Txnip antibody, Vdup1 antibody, Thioredoxin-interacting protein antibody, Vitamin D3 up-regulated protein 1 antibody

UniProt:	Q8BG60
Pathways:	Protein targeting to Nucleus , Platelet-derived growth Factor Receptor Signaling , Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.