

Datasheet for ABIN3029123
anti-TXNIP antibody (AA 116-145)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	TXNIP
Binding Specificity:	AA 116-145
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 116-145 from the mouse protein was used as the immunogen for this Txnip antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat
Purification:	Antigen affinity purified

Target Details

Target:	TXNIP
Alternative Name:	Txnip (TXNIP Products)
Background:	May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its

Target Details

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]

UniProt: [Q8BG60](#)

Pathways: [Protein targeting to Nucleus](#), [Platelet-derived growth Factor Receptor Signaling](#), [Inflammasome](#)

Application Details

Application Notes: Titration of the Txnip antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

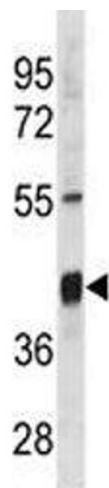
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

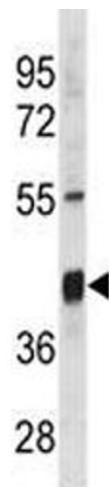
Storage: -20 °C

Storage Comment: Aliquot the Txnip antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Txnip antibody western blot analysis in mouse stomach tissue lysate.



Western Blotting

Image 2. Txnip antibody western blot analysis in mouse stomach tissue lysate.