

11-3023: Polyclonal Antibody to TxNIP/VDUP1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	TXNIP
Gene ID :	10628
Uniprot ID :	Q9H3M7
Format :	Purified
Alternative Name :	TXNIP,VDUP1
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant TxNIP protein (amino acids 50-300) was used as the immunogen for this antibody.

Description

TXNIP (thioredoxin interacting protein) inhibits thioredoxin activity by limiting its bioavailability in response to oxidative stress. TXNIP restores COPS5-induced suppression of CDKN1B stability by interacting with COPS5 and blocks the COPS5-mediated translocation of CDKN1B from nucleus to the cytoplasm. TXNIP functions as a transcriptional repressor. TXNIP has been reported to be a suppressor of tumor cell growth and inhibits the proteasomal degradation of DDIT4, contributing to the inhibition of the mammalian target of rapamycin complex 1 (mTORC1). TXNIP is expressed in adipose tissue, adrenal cortex, adrenal gland, amniotic fluid and amygdale.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-3 µg/ml

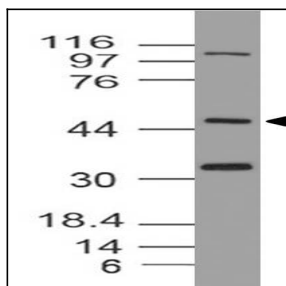


Fig-1: Western blot analysis of TXNIP/VDUP1 . Anti-TXNIP/VDUP1 antibody (11-3023) was used at 1 µg/ml on Y79 lysate