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11-3023: Polyclonal Antibody to TxNIP/VDUP1

Clonality: Polyclonal

Application: WB Reactivity: Human Gene: TXNIP Gene ID: 10628 **Uniprot ID:** Q9H3M7 Format: Purified TXNIP, VDUP1 **Alternative Name:** Rabbit IgG Isotype:

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

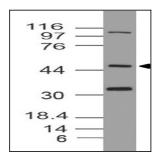


Fig-1: Western blot analysis of TXNIP/VDUP1 . Anti-TXNIP/VDUP1 antibody (11-3023) was used at 1 μ g/ml on Y79 lysate