

## TXNIP polyclonal antibody

Catalog: BS91389

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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 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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

44 kDa

### Swiss-Prot:

Q9H3M7(Human) Q8BG60(Mouse) Q5M7W1(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1000-1:5,000

ICC/IF:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

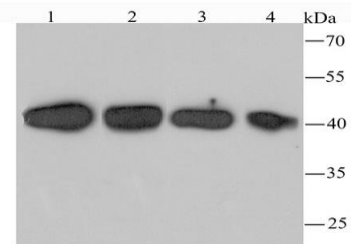
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

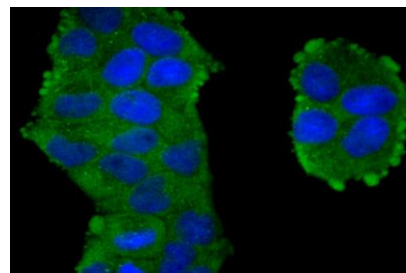
### Specificity:

TXNIP polyclonal antibody detects endogenous levels of TXNIP protein.

### DATA:



Western blot analysis of TXNIP on different lysates using anti-TXNIP antibody at 1/1,000 dilution. Positive control: Lane 1: PC-12 Lane 2: Human skeletal muscle Lane 3: NIH-3T3 Lane 4: HeLa



ICC staining TXNIP in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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