

## Summary

|                        |                                  |
|------------------------|----------------------------------|
| <b>Production Name</b> | TXNIP Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody       |
| <b>Host</b>            | Rabbit                           |
| <b>Application</b>     | WB,IHC,ICC,FC,IF                 |
| <b>Reactivity</b>      | Human,Mouse,Rat                  |

## Performance

|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                |
| <b>Modification</b> | Unmodified                                                                                  |
| <b>Isotype</b>      | IgG                                                                                         |
| <b>Clonality</b>    | Monoclonal                                                                                  |
| <b>Form</b>         | Liquid                                                                                      |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.    |
| <b>Buffer</b>       | Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol. |
| <b>Purification</b> | Affinity Purification                                                                       |

## Immunogen

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| <b>Gene Name</b>         | TXNIP                                                 |
| <b>Alternative Names</b> | HHCPA78; THIF; TXNIP; VDUP1;;TXNIP                    |
| <b>Gene ID</b>           |                                                       |
| <b>SwissProt ID</b>      | Q9H3M7.A synthesized peptide derived from human TXNIP |

## Application

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| <b>Dilution Ratio</b>   | WB:1:1000-1:2000,IHC:1:100-1:200;IF:1:50-1:200,ICC:1:50-1:200,FC:1:20-1:100 |
| <b>Molecular Weight</b> | Calculated MW: 44 kDa ; Observed MW: 53 kDa                                 |

## Background

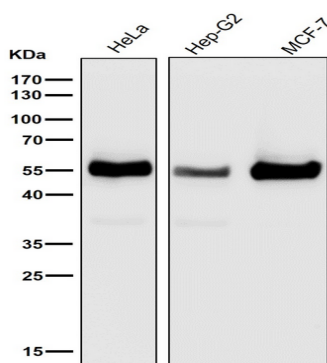
**Product Name: TXNIP Rabbit Monoclonal Antibody**  
**Catalog #: AMRe84024**



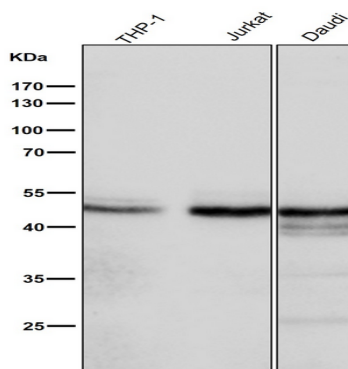
May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability. Interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. Functions as a transcriptional 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.

## Research Area

## Image Data



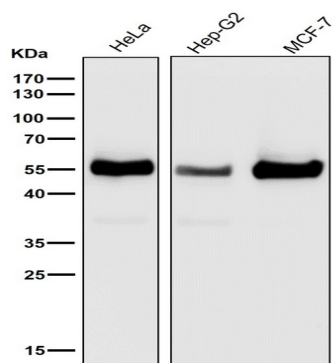
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

**Product Name: TXNIP Rabbit Monoclonal Antibody**  
**Catalog #: AMRe84024**

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All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

### **Note**

For research use only.