

anti- TXNIP antibody

Product Information

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|---------------|---|
| Catalog No.: | FNab09129 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

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. Acts as a suppressor of tumor cell growth. Inhibits the proteasomal degradation of DDIT4, and thereby contributes to the inhibition of the mammalian target of rapamycin complex 1(mTORC1).

Immunogen information

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|--------------|--|
| Immunogen: | thioredoxin interacting protein |
| Synonyms: | EST01027, HHCPA78, THIF, Thioredoxin binding protein 2, TXNIP, VDUP1 |
| Observed MW: | 50 kDa |
| Uniprot ID : | Q9H3M7 |

Application

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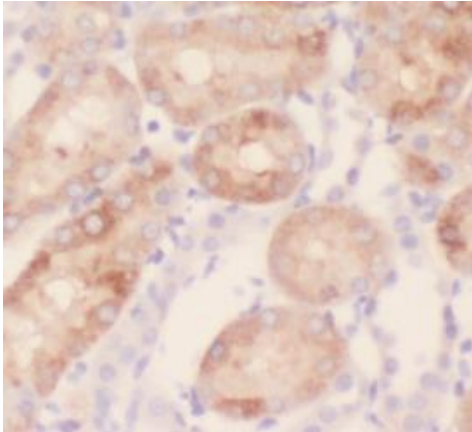
www.fn-test.com

Reactivity: Human, Mouse, Rat

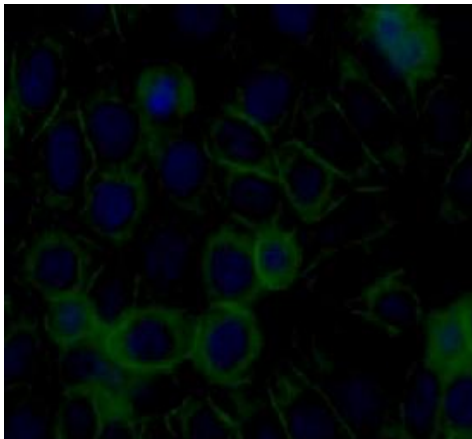
Tested Application: ELISA, IHC, WB, IF

Recommended dilution: WB: 1:200-1:2000; IP: 1:200-1:2000; IHC: 1:50-1:500; IF: 1:10-1:100

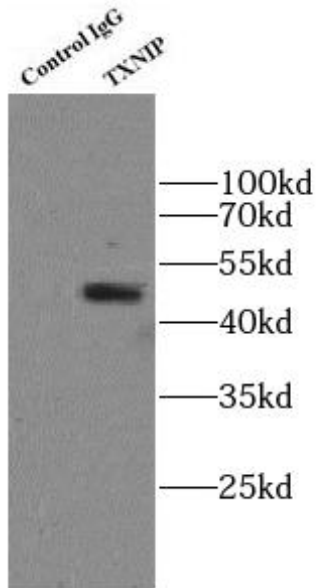
Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab09129(TXNIP Antibody) at dilution of 1:200

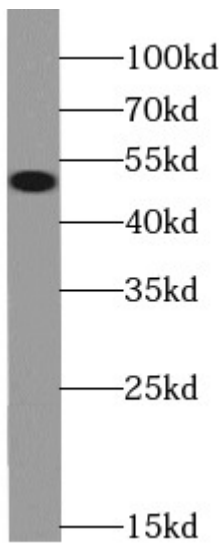


Immunofluorescent analysis of HeLa cells using FNab09129 (TXNIP antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



IP Result of anti-TXNIP (IP: FNab09129, 4ug;
Detection: FNab09129 1:500) with K-562 cells
lysate 4000ug.

| | | |
|---|---|-------------------|
| + | - | Normal Rabbit IgG |
| - | + | TXNIP Antibody |



K-562 cells were subjected to SDS PAGE
followed by western blot with FNab09129(TXNIP
Antibody) at dilution of 1:600