



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|---|---|
| Product Number | ARP59055_P050-FITC |
| Product Page | www.avivasysbio.com/txnip-antibody-n-terminal-region-fitc-arp59055-p050-fitc.html |
| Name | TXNIP Antibody - N-terminal region : FITC (ARP59055_P050-FITC) |
| Protein Size (# AA) | 391 amino acids |
| Molecular Weight | 43kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| NCBI Gene Id | 10628 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | thioredoxin interacting protein |
| Alias Symbols | THIF, VDUP1, ARRDC6, HHCPA78, EST01027 |
| Peptide Sequence | Synthetic peptide located within the following region: QTSEYLRVEDTLLEDQPTGENEMVIMRPGNKYEYKFGFELPQGPLGTSE |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Description of Target | TXNIP may act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability. It interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. It 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. It is required for the maturation of natural killer cells. |
| Protein Interactions | UBC; DDIT4; ECD; TXN; TP53; SMURF2; UL49; ITCH; ELAVL1; FHL1; ZBTB32; ZBTB16; SCEL; HDAC1; TXNRD1; KPNA2; |
| Reconstitution and Storage | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding. |
| Datasheets/Manuals | Printable datasheet for anti-TXNIP (ARP59055_P050-FITC) antibody |
| Blocking Peptide | For anti-TXNIP (ARP59055_P050-FITC) antibody is Catalog# AAP59055 |
| Immunogen | The immunogen is a synthetic peptide directed towards the N-terminal region of Human TXNIP |
| Uniprot ID | Q9H3M7 |
| Protein Name | Thioredoxin-interacting protein |
| Sample Type Confirmation | There is BioGPS gene expression data showing that TXNIP is expressed in Jurkat |
| Protein Accession # | XP_003960219 |
| Purification | Affinity Purified |
| Gene Symbol | TXNIP |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 79%; Dog: 100%; Guinea Pig: 87%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100% |

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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