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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP59055_P050-Biotin
Product Page	www.avivasysbio.com/txnip-antibody-n-terminal-region-biotin-arp59055-p050-biotin.html
Name	TXNIP Antibody - N-terminal region : Biotin (ARP59055_P050-Biotin)
Protein Size (# AA)	391 amino acids
Molecular Weight	43kDa
Conjugation	Biotin
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-Biotin) antibody
Blocking Peptide	For anti-TXNIP (ARP59055_P050-Biotin) 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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