

Product datasheet for **TA340115**

TXNIP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TXNIP antibody: synthetic peptide directed towards the C terminal of human TXNIP. Synthetic peptide located within the following region: DTPEAPPCYMDVIPEDHRLESPTPLDDMDGSQDSPIFMYAPEFKFMPP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	thioredoxin interacting protein
Database Link:	NP_006463 Entrez Gene 56338 Mouse Entrez Gene 10628 Human Q9H3M7



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Background:

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.

Synonyms:

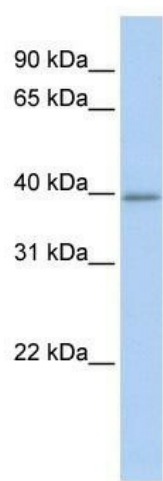
ARRDC6; EST01027; HHCPA78; THIF; VDUP1

Note:

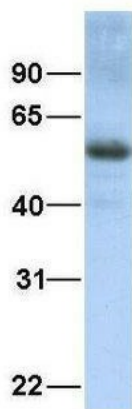
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families:

Druggable Genome

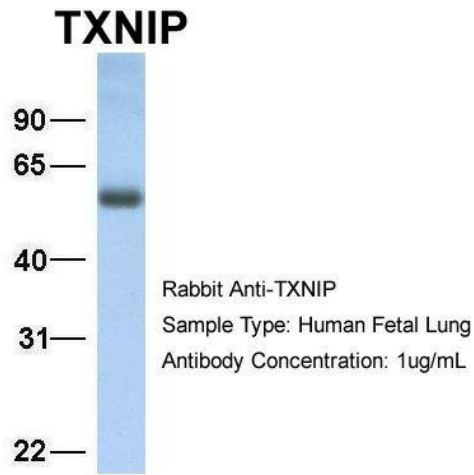
Product images:


WB Suggested Anti-TXNIP Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human heart

TXNIP


Rabbit Anti-TXNIP
Sample Type: Human Adult Placenta
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: TXNIP; Sample Tissue: Human Adult Placenta; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: TXNIP; Sample Tissue: Human Fetal Lung; Antibody Dilution: 1.0 ug/ml