

Product datasheet for TA357518

Product datasileet for TASS/STO

TXNIP Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human TXNIP

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat

Homology: Cow: 100%; Dog: 100%; Guinea Pig: 93%; Human: 100%; Mouse: 93%; Rabbit:

93%; Rat: 93%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 44kDa

Gene Name: thioredoxin interacting protein

Database Link: NP 006463

Entrez Gene 10628 Human

Q9H3M7



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TXNIP Rabbit Polyclonal Antibody - TA357518

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

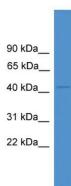
the cytoplasm. It functions as a transcriptional repressor, possibly by acting as a bridge molecule between transcription factors and corepressor complexes, and over-expression will

induce G0/G1 cell cycle arrest. It is required for the maturation of natural killer cells.

Synonyms: EST01027; HHCPA78; THIF; VDUP1

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-TXNIP Antibody Titration: 0.2-

1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Lung