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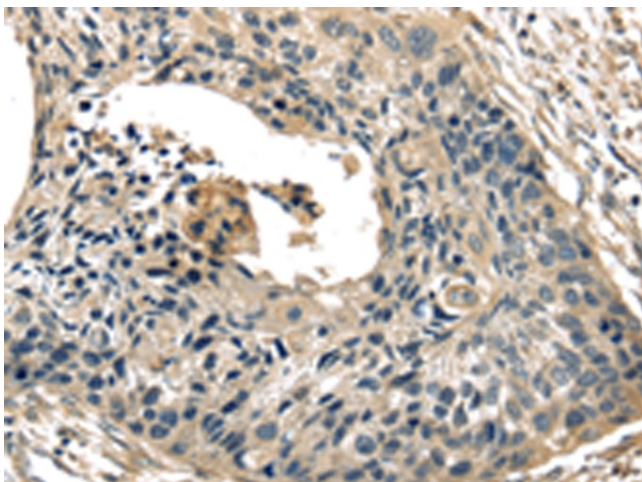techsupport@origene.com
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Product datasheet for TA371584S

## TXNIP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human TXNIP
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	thioredoxin interacting protein
Database Link:	Entrez Gene 10628 Human Q9H3M7
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).
Synonyms:	EST01027; HHCPA78; THIF; VDUP1

View online »

Product images:

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA371584] (TXNIP Antibody) at dilution 1/40 (Original magnification: ×200)
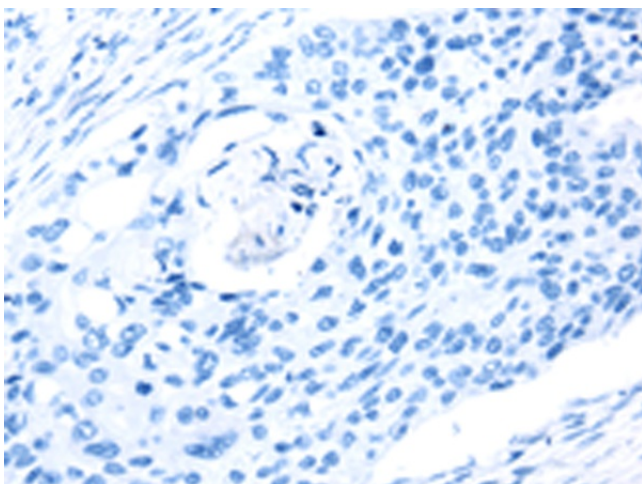
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA371584] (TXNIP Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)