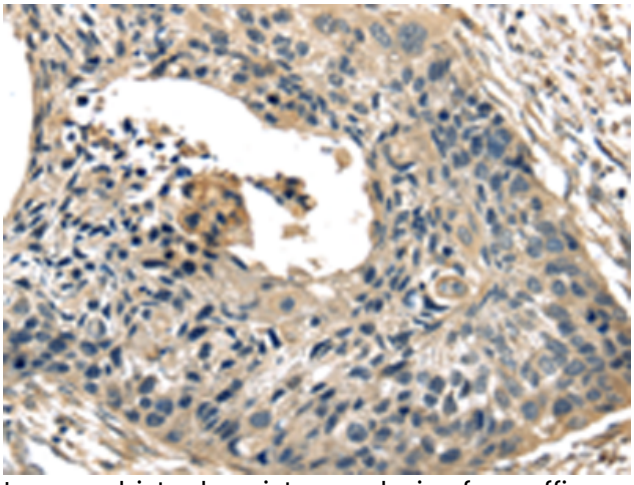
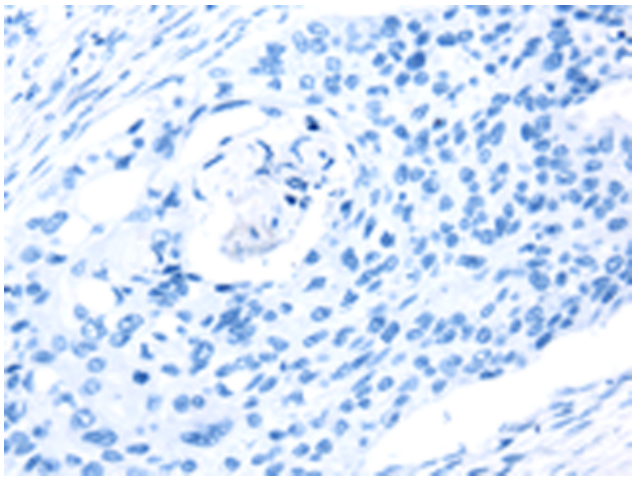
TXNIP RABBIT PAB

Cat.#: S221070
Product Name: Anti-TXNIP Rabbit Polyclonal Antibody
Synonyms: THIF; VDUP1; HHCPA78; EST01027
UNIPROT ID: Q9H3M7 (Gene Accession - NP_006463)
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).
Immunogen: Synthetic peptide of human TXNIP
Applications: ELISA, IHC
Recommended Dilutions: IHC: 30-150; ELISA: 2000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Metabolism, Epigenetics and Nuclear Signaling, Cancer, Cell Biology
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 221070(TXNIP Antibody) at a dilution of 1/40(Cytoplasm and Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 221070(Anti-TXNIP Antibody) at dilution 1/40.