ZNHIT3 RABBIT PAB

Cat.#: S221519

Product Name: Anti-ZNHIT3 Rabbit Polyclonal Antibody

Synonyms: TRIP3

UNIPROT ID: Q15649 (Gene Accession - NP_004764)

Background: ZNHIT3 (zinc finger, HIT-type containing 3), also known as TRIP3 (thyroid receptor-interacting protein 3) or HNF-4a coactivator, is a 155 amino acid protein that contains one HIT-type zinc finger and regulates PPAR?-mediated adipocyte differentiation. ZNHIT3 also coactivates HNF-4⬚, and as a thyroid receptor interacting protein, ZNHIT3 interacts with the ligand binding domain of the thyroid receptor. The gene encoding ZNHIT3 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Immunogen: Synthetic peptide of human ZNHIT3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 40-250; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG
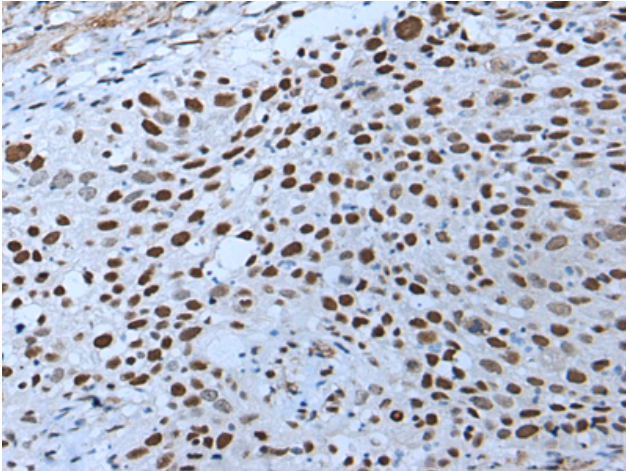
Purification: Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

Product Description

Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 221519(ZNHIT3 Antibody) at a dilution of 1/80(Nucleus).
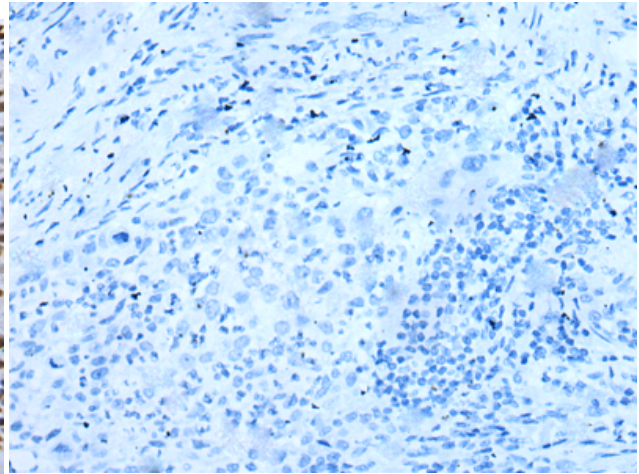
In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the synthetic peptide and then with 221519(Anti-ZNHIT3 Antibody) at dilution 1/80.
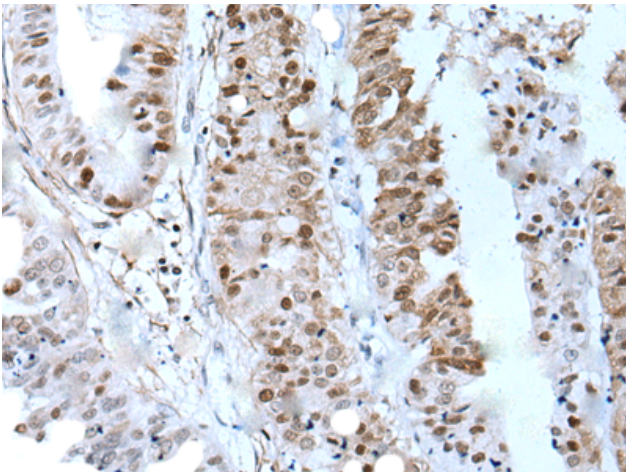
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 221519(Anti-ZNHIT3 Antibody) at a dilution of 1/80.
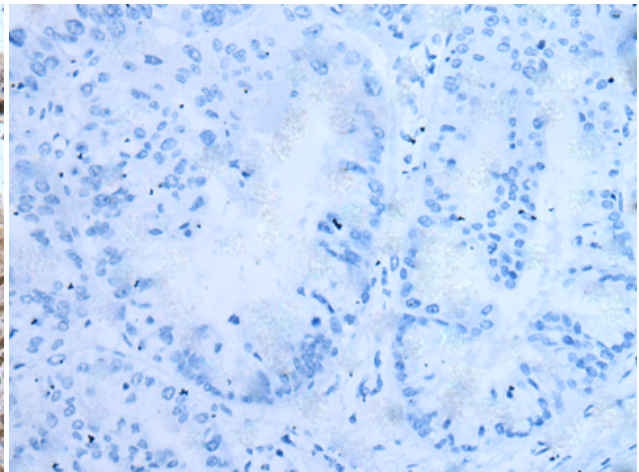
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D263150(Anti-ZNHIT3 Antibody) at dilution 1/80.