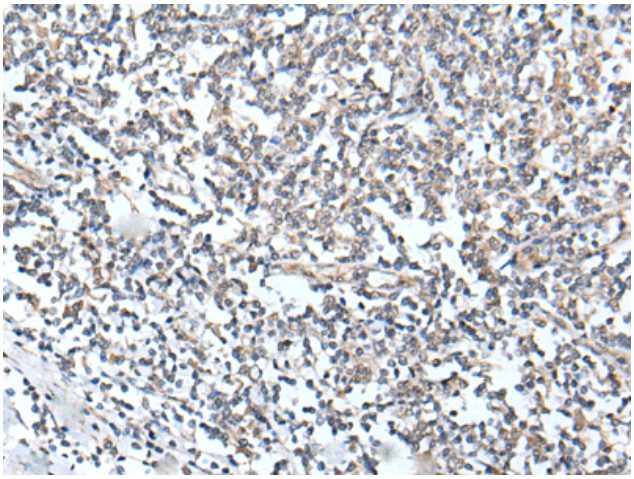
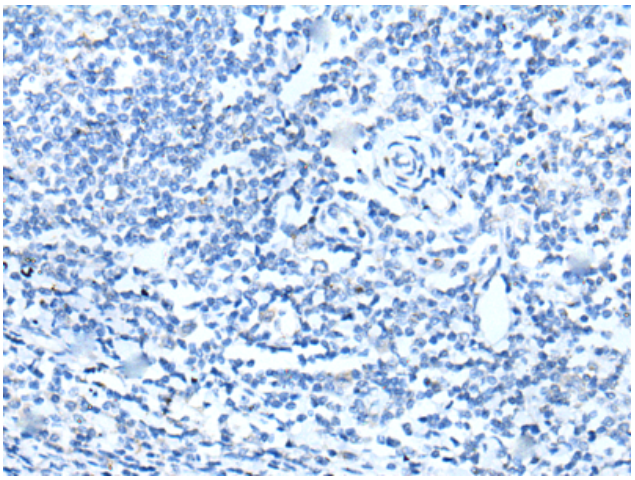
HUNK RABBIT PAB

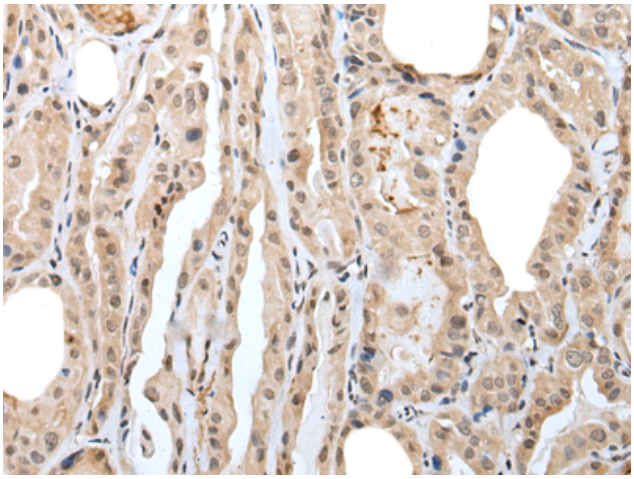
Cat.#: S221044
Product Name: Anti-HUNK Rabbit Polyclonal Antibody
Synonyms:
UNIPROT ID: P57058 (Gene Accession - NP_055401)
Background: The HUNK (hormonally upregulated Neu-associated kinase) protein, also designated MAK-V in mouse, has been identified as a novel SNF1-related serine/threonine kinase. The human HUNK gene localizes to chromosome 21q22 and encodes a protein with nucleocytoplasmic distribution and localizes to the centrosome. Overexpression of the HUNK protein associates with approximately 50% of breast carcinomas, and may provide diagnostic-prognostic value as a molecular marker. Serine/threonine-protein kinase SNF1-like kinase 2 (SIK) phosphorylates Ser-794 of IRS1 in insulin-stimulated adipocytes, which may modulate the efficiency of insulin signal transduction. SIK is activated by phosphorylation on Thr-175 by STK11 in complex with STE20-related adapter-à and CAB39.
Immunogen: Synthetic peptide of human HUNK
Applications: ELISA, IHC
Recommended Dilutions: IHC: 25-100; 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, Neuroscience
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



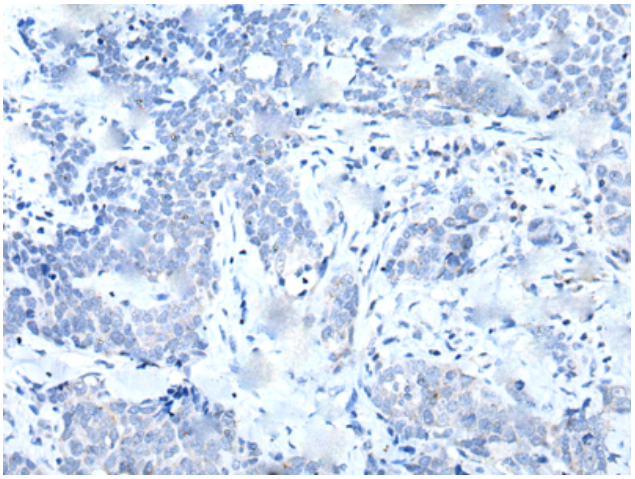
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 221044(HUNK Antibody) at a dilution of 1/30(Cytoplasm or Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 221044(Anti-HUNK Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 221044(Anti-HUNK Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D262401(Anti-HUNK Antibody) at dilution 1/30.