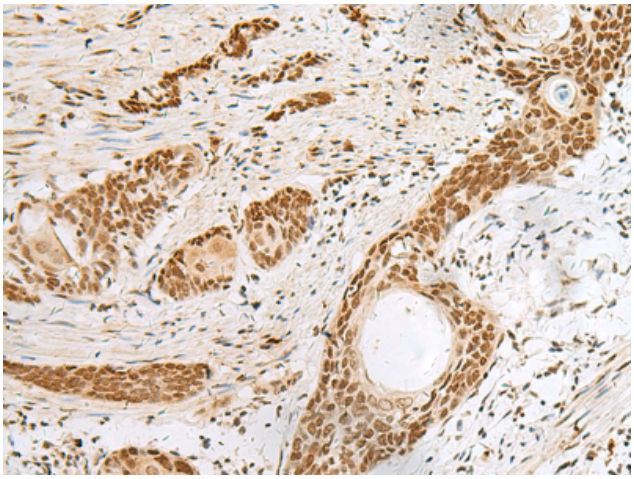
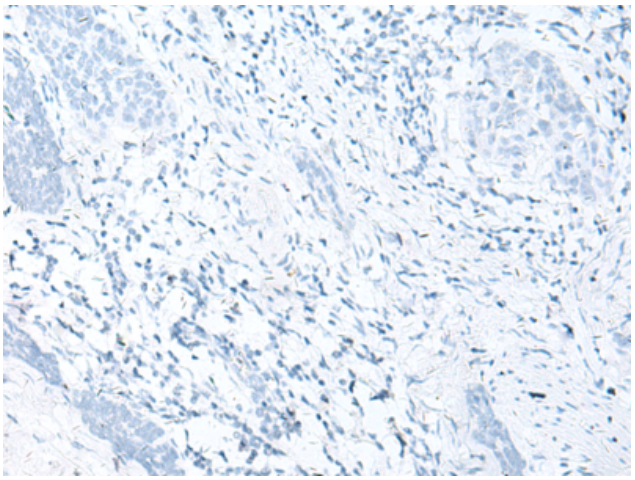
PNRC2 RABBIT PAB

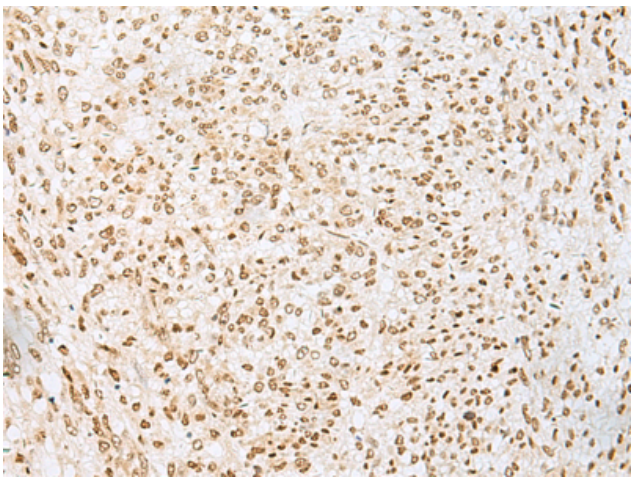
Cat.#: S218962
Product Name: Anti-PNRC2 Rabbit Polyclonal Antibody
Synonyms:
UNIPROT ID: Q9NPJ4 (Gene Accession - BC001959)
Background: Involved in nonsense-mediated mRNA decay (NMD) by acting as a bridge between the mRNA decapping complex and the NMD machinery (PubMed:19150429). May act by targeting the NMD machinery to the P-body and recruiting the decapping machinery to aberrant mRNAs (PubMed:19150429). Required for UPF1/RENT1 localization to the P-body (PubMed:19150429). Plays a role in glucocorticoid receptor-mediated mRNA degradation by interacting with the glucocorticoid receptor NR3C1 in a ligand-dependent manner when it is bound to the 5' UTR of target mRNAs and recruiting the RNA helicase UPF1 and the mRNA-decapping enzyme DCP1A, leading to RNA decay (PubMed:25775514). Also acts as a nuclear receptor coactivator (PubMed:11574675). May play a role in controlling the energy balance between energy storage and energy expenditure (By similarity).
Immunogen: Fusion protein of human PNRC2
Applications: ELISA, IHC
Recommended Dilutions: IHC: 30-150; ELISA: 5000-10000
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: Epigenetics and Nuclear Signaling
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



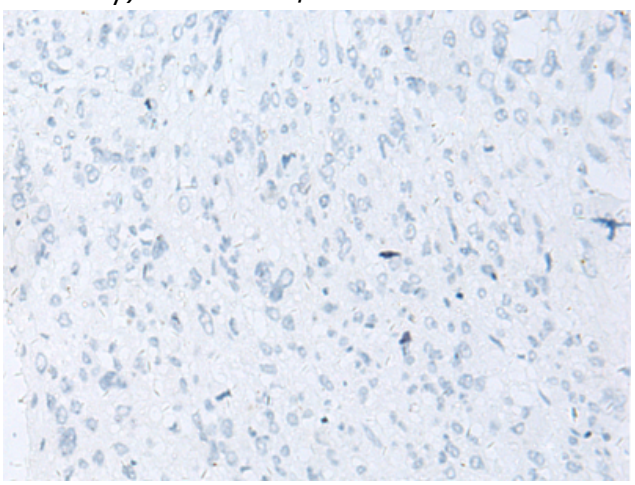
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 218962(PNRC2 Antibody) at a dilution of 1/30(Cytoplasm and Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 218962(Anti-PNRC2 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 218962(Anti-PNRC2 Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D225573(Anti-PNRC2 Antibody) at dilution 1/30.