

HSPA2 RABBIT PAB

Cat.#: S218762

Product Name: Anti-HSPA2 Rabbit Polyclonal Antibody

Synonyms: HSP70-2; HSP70-3

UNIPROT ID: P54652 (Gene Accession - BC036107)

Background: In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. Plays a role in spermatogenesis. In association with SHCBPIL may participate in the maintenance of spindle integrity during meiosis in male germ cells.

Immunogen: Fusion protein of human HSPA2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 30-150;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

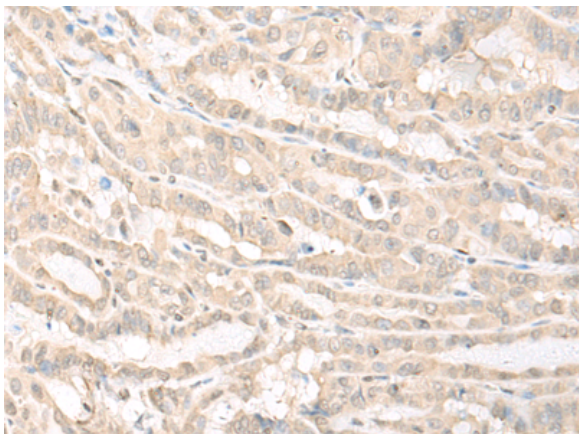
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

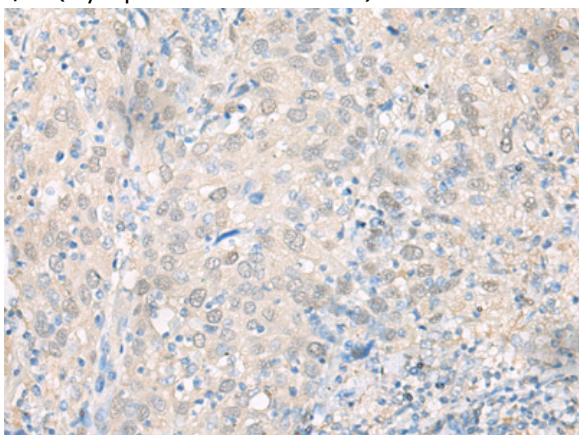
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

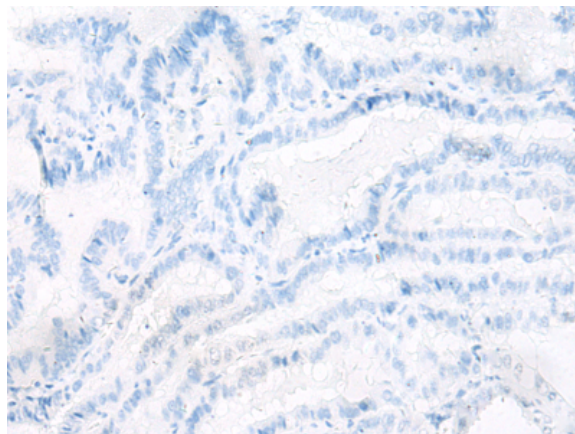
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



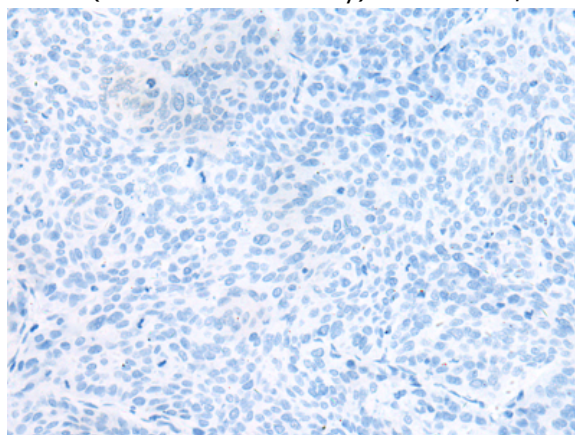
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 218762(HSPA2 Antibody) at a dilution of 1/20(Cytoplasm and Nucleus).



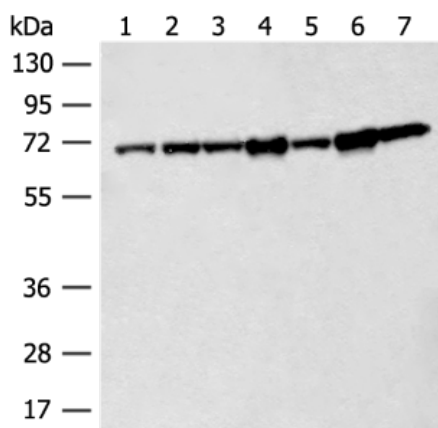
The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 218762(Anti-HSPA2 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 218762(Anti-HSPA2 Antibody) at dilution 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D225129(Anti-HSPA2 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane 1-7: 231 cell, Hela cell, Jurkat cell, A549 cell,
 NIH/3T3 cell, Human cerebrum tissue, Mouse brain
 tissue lysates;
 Primary antibody: 218762(HSPA2 Antibody) at
 dilution 1/200;
 Secondary antibody: Goat anti rabbit IgG at 1/8000
 dilution;
 Exposure time: 5 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
