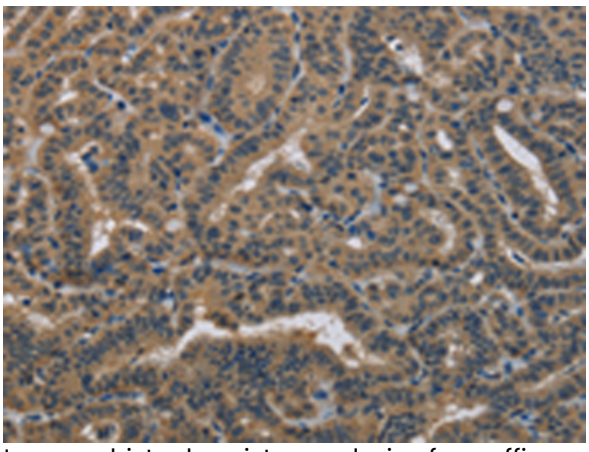
DNAJA1 RABBIT PAB

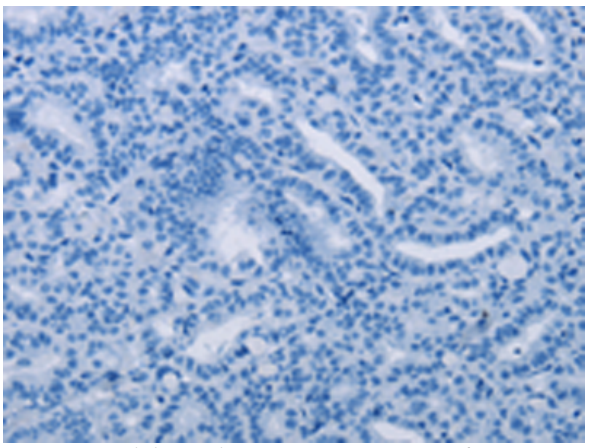
Cat.#: S217523
Product Name: Anti-DNAJA1 Rabbit Polyclonal Antibody
Synonyms: DJ-2; DjA1; HDJ2; HSDJ; HSJ2; HSPF4; NEDD7; hDJ-2
UNIPROT ID: P31689 (Gene Accession - BC008182)
Background: DnaJ-like proteins interact with HSP 70 molecular chaperones and function to facilitate protein folding and mitochondrial protein import. HSP 40-4, also known as HDJ2, is the human DnaJ homolog that functions as a co-chaperone with a cysteine-rich zinc finger domain. The cellular redox enzyme thioredoxin interacts with HSP 40-4, and oxidation and reduction reversibly regulate HSP 40-4 function in response to the changing redox states of the cell. The zinc finger domain of HSP 40-4 may act as a redox sensor of chaperone-mediated protein-folding machinery, since HSP 40-4 inactivation leads to the oxidation of cysteine thiols and a simultaneous release of coordinated zinc. Loss of the HSP 40-4 protein may be linked to severe defects in spermatogenesis that involve aberrant androgen signaling.
Immunogen: Fusion protein of human DNAJA1
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 2000-5000
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

Product Description

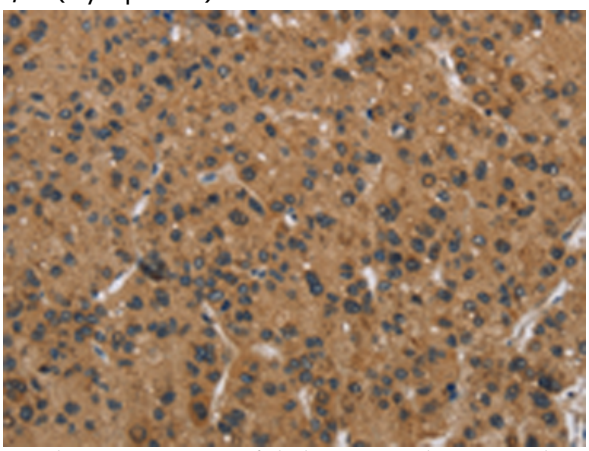
Pioneering GTPase and Oncogene Product Development since 2010



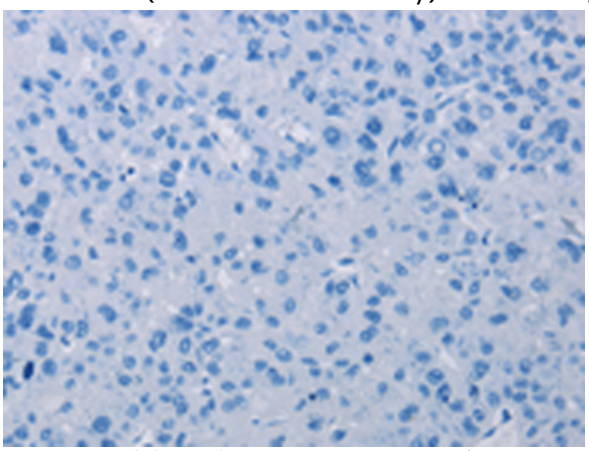
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 217523(DNAJA1 Antibody) at a dilution of 1/30(Cytoplasm).



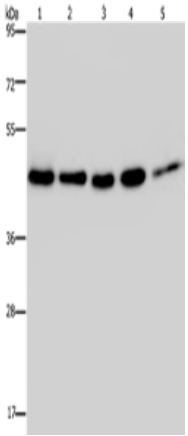
In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217523(Anti-DNAJA1 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217523(Anti-DNAJA1 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 D222514(Anti-DNAJA1 Antibody) at dilution 1/30.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-5: 231 cells, A431 cells, Raji cells, Jurkat cells, HepG2 cells;
Primary antibody: 217523(DNAJA1 Antibody) at dilution 1/500;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 seconds