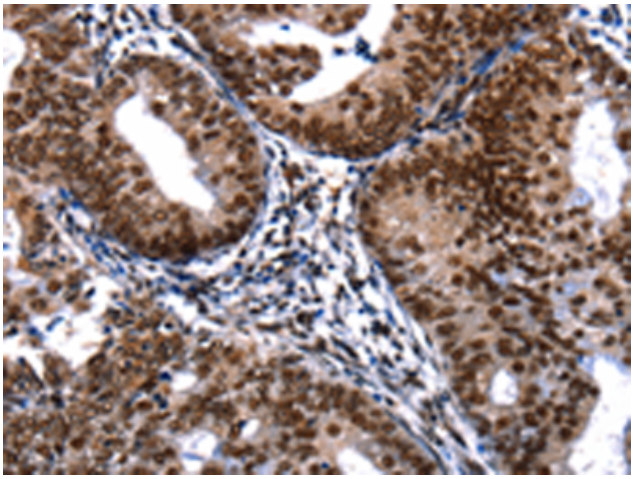
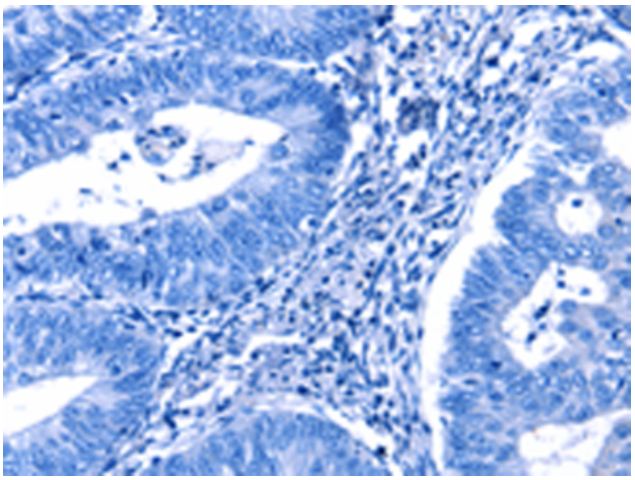
DFFA RABBIT PAB

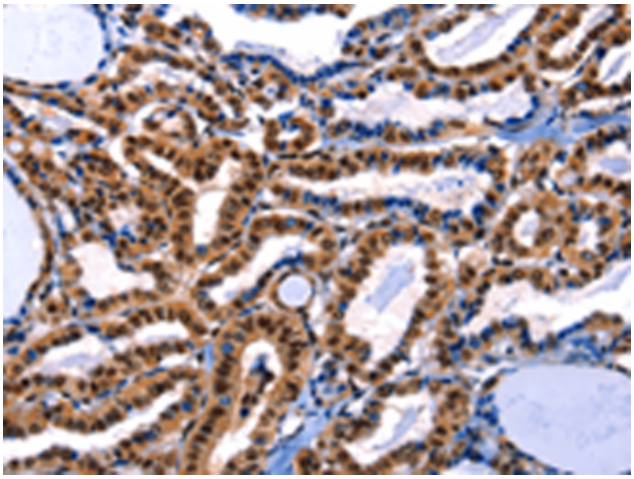
Cat.#: S216567
Product Name: Anti-DFFA Rabbit Polyclonal Antibody
Synonyms: DFF1, ICAD, DFF-45
UNIPROT ID: O00273 (Gene Accession - BC007721)
Background: Apoptosis is a cell death process that removes toxic and/or useless cells during mammalian development. The apoptotic process is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3. The cleaved fragments of DFFA dissociate from DFFB, the active component of DFF. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Immunogen: Fusion protein of human DFFA
Applications: ELISA, IHC
Recommended Dilutions: IHC: 25-100; ELISA: 1000-5000
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: Epigenetics and Nuclear Signaling, Cancer
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



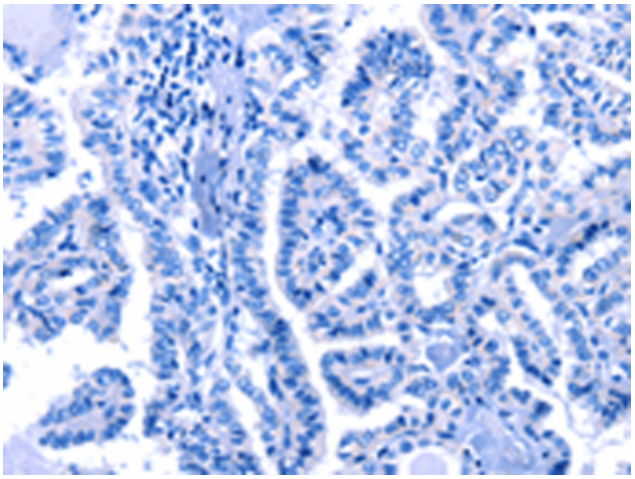
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 216567(DFFA Antibody) at a dilution of 1/20(Cytoplasm, Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 216567(Anti-DFFA Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 216567(Anti-DFFA Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D220799(Anti-DFFA Antibody) at dilution 1/20.