

FUBP1 RABBIT PAB

Cat.#: S222052

Product Name: Anti-FUBP1 Rabbit Polyclonal Antibody

Synonyms: FBP; FUBP; hDH V

UNIPROT ID: Q96AE4 (Gene Accession - NP_003893)

Background: The protein encoded by this gene is a single stranded DNA-binding protein that binds to multiple DNA elements, including the far upstream element (FUSE) located upstream of c-myc. Binding to FUSE occurs on the non-coding strand, and is important to the regulation of c-myc in undifferentiated cells. This protein contains three domains, an amphipathic helix N-terminal domain, a DNA-binding central domain, and a C-terminal transactivation domain that contains three tyrosine-rich motifs. The N-terminal domain is thought to repress the activity of the C-terminal domain. This protein is also thought to bind RNA, and contains 3'-5' helicase activity with in vitro activity on both DNA-DNA and RNA-RNA duplexes. Aberrant expression of this gene has been found in malignant tissues, and this gene is important to neural system and lung development. Binding of this protein to viral RNA is thought to play a role in several viral diseases, including hepatitis C and hand, foot and mouth disease. Alternative splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human FUBP1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-50;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

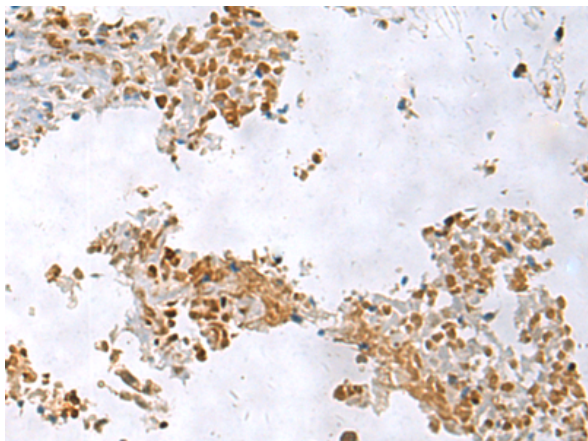
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

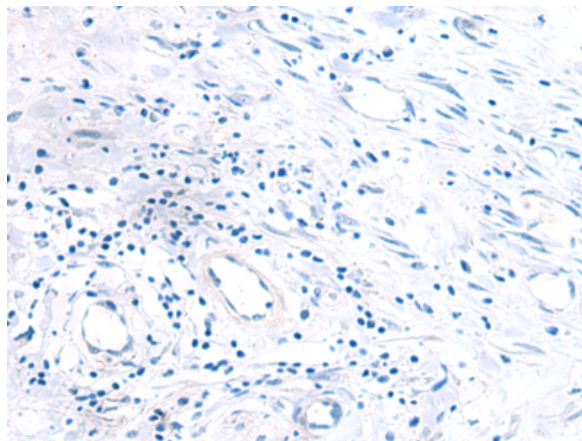
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

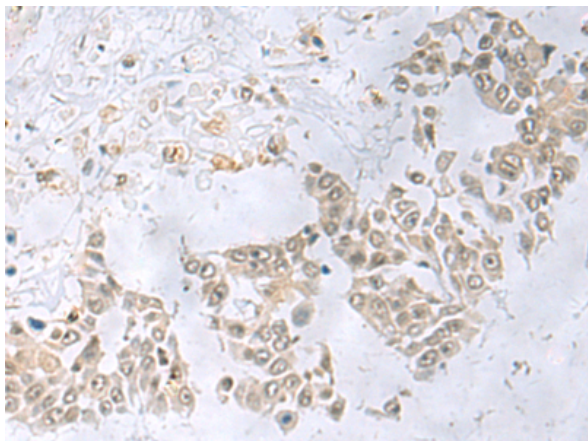
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



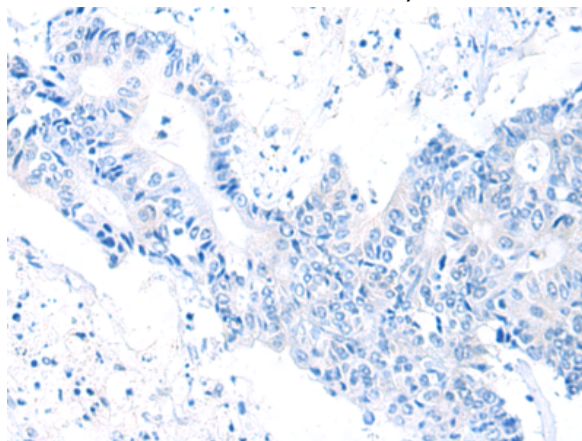
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 222052(FUBPI Antibody) at a dilution of 1/25(Nucleus).



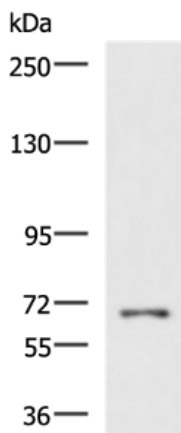
In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 222052(Anti-FUBPI Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 222052(Anti-FUBPI Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with synthetic peptide and then with D263947(Anti-FUBPI Antibody) at dilution 1/25.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
 Lane: Jurkat cell lysate;
 Primary antibody: 222052(FUBPI Antibody) at dilution 1/650;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 3 minutes



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
