

AFP RABBIT PAB

Cat.#: S216237

Product Name: Anti-AFP Rabbit Polyclonal Antibody

Synonyms: FETA, HPAFP

UNIPROT ID: P02771 (Gene Accession - BC027881)

Background: This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.

Immunogen: Fusion protein of human AFP

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 500-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

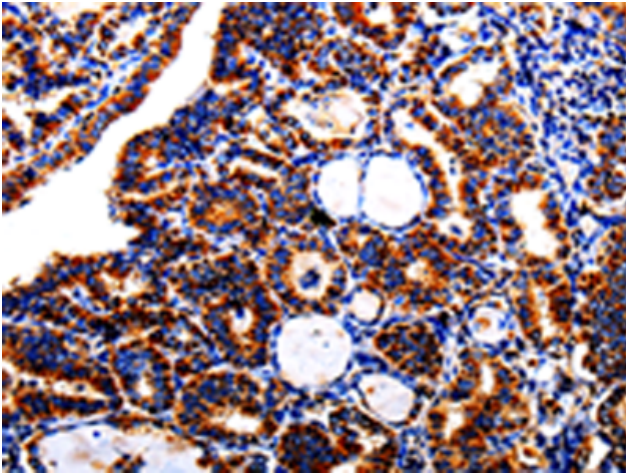
Purification: Antigen affinity purification

Species Reactivity: Human

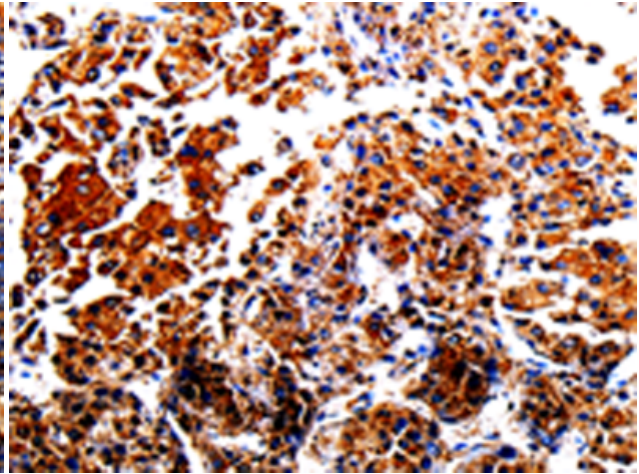
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cardiovascular, Developmental Biology

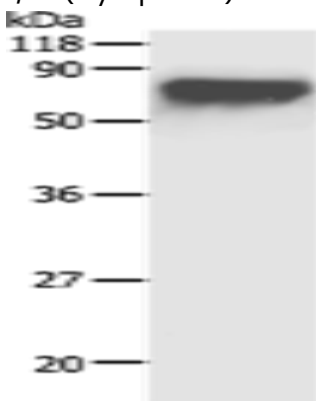
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using 216237(AFP Antibody) at a dilution of 1/40(Cytoplasm).



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using 216237(Anti-AFP Antibody) at a dilution of 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: HepG2 cells;
Primary antibody: 216237(AFP Antibody) at dilution 1/1000;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 1 minute